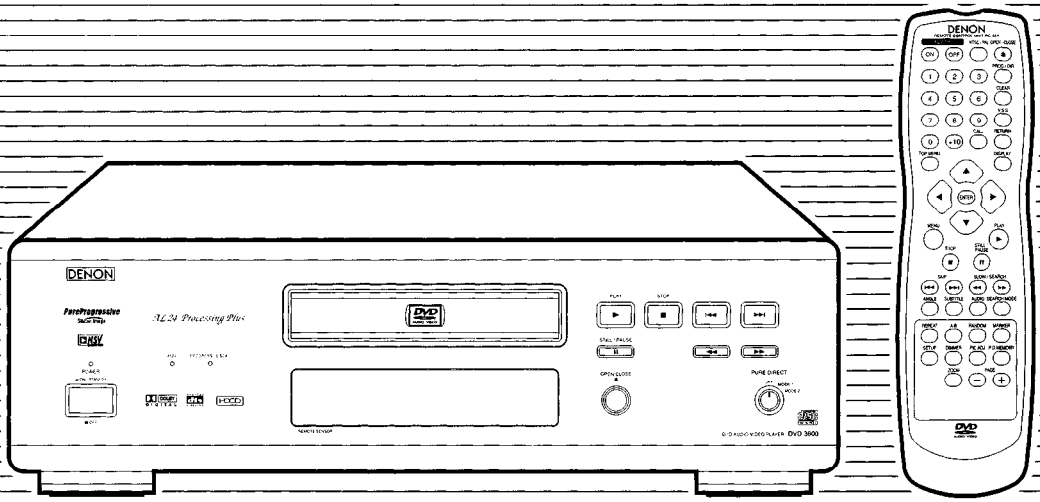
DENON

DVD AUDIO-VIDEO PLAYER

DVD-3800

OPERATING INSTRUCTIONS
MODE D'EMPLOI
INSTRUCCIONES DE OPERACION



FOR ENGLISH READERS PAGE 6 ~ PAGE 65
POUR LES LECTEURS FRANCAIS PAGE 66 ~ PAGE 125
PARA LECTORES DE ESPAÑOL PAGINA 126 ~ PAGINA 186

IMPORTANT TO SAFETY

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION:

1. **Handle the power supply cord carefully**
   Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.
2. **Do not open the top cover**
   In order to prevent electric shock, do not open the top cover.
   If problems occur, contact your DENON DEALER.
3. **Do not place anything inside**
   Do not place metal objects or spill liquid inside the DVD audio-video player.
   Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.
Model No. DVD-3800 Serial No. _____

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

NOTE:
This DVD video player uses the semiconductor laser. To allow you to enjoy music at a stable operation, it is recommended to use this in a room of 5 °C (41 °F) ~ 35 °C (95 °F).

CAUTION:
USE OF CONTROLS OR ADJUSTMENTS OR REFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

- **FOR CANADA MODEL ONLY**

CAUTION

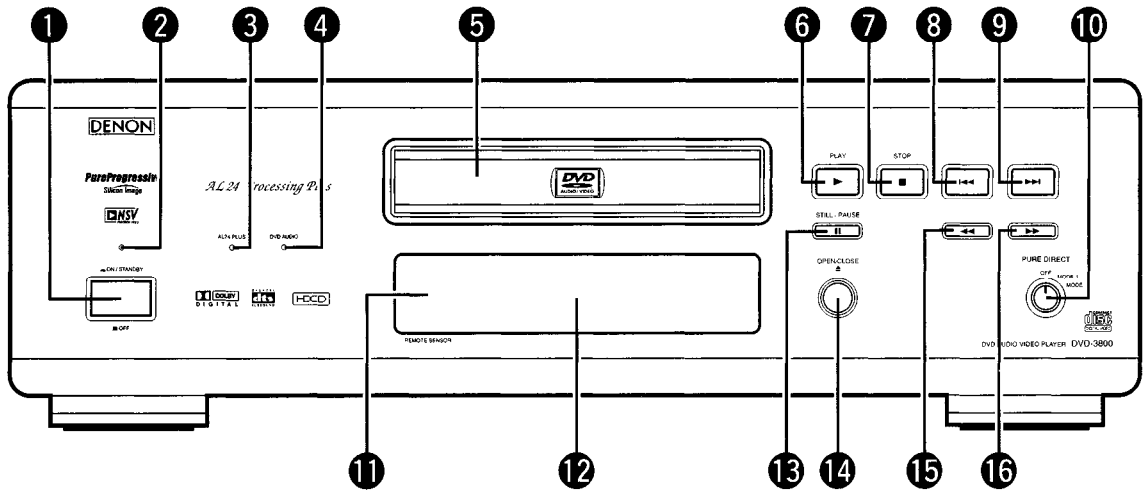
TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- **POUR LES MODELE CANADIENS UNIQUEMENT**

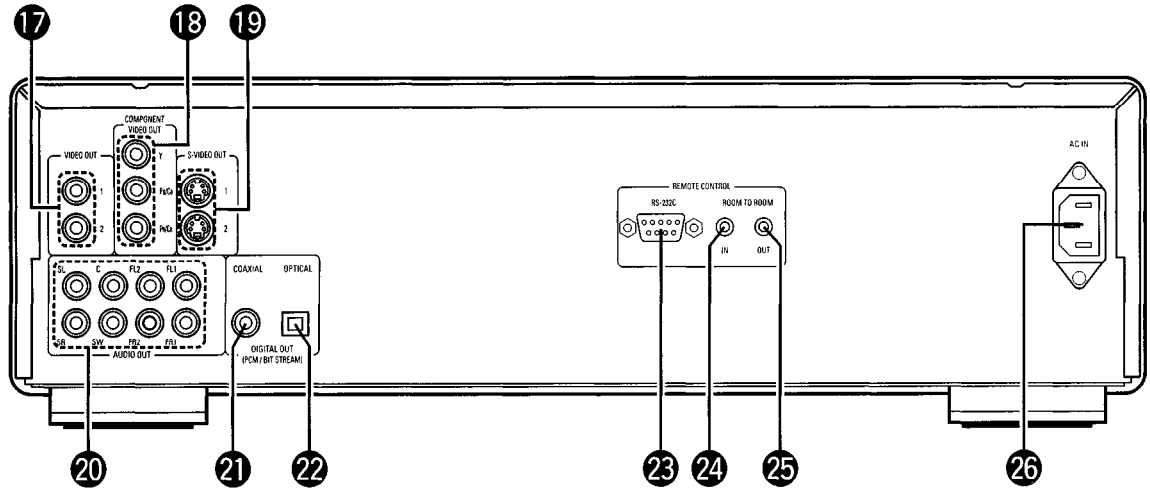
ATTENTION

POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTERODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

FRONT PANEL
PANNEAU AVANT
PANEL FRONTAL



REAR PANEL
PANNEAU ARRIERE
PANEL TRASERO



SAFETY INSTRUCTIONS

1. Read Instructions – All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.
3. Heed Warnings – All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. Cleaning – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.
6. Attachments – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture – Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. Accessories – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
11. Power Sources – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
12. Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

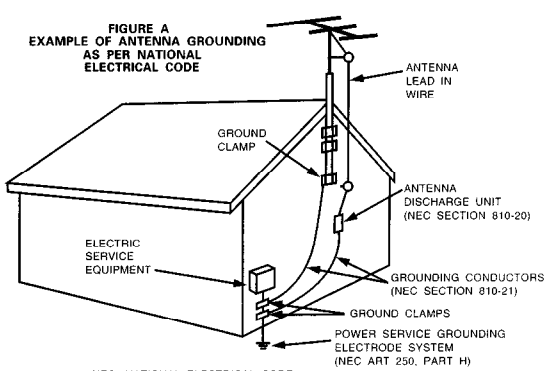
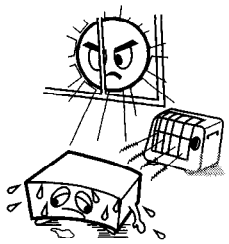


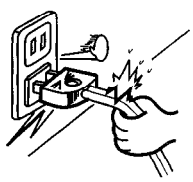
FIGURE A
EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE
ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)
NEC - NATIONAL ELECTRICAL CODE

13. Power-Cord Protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
15. Outdoor Antenna Grounding – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure A.
16. Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
17. Power Lines – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
18. Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. Object and Liquid Entry – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. Servicing – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
21. Damage Requiring Service – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a) When the power-supply cord or plug is damaged,
    b) If liquid has been spilled, or objects have fallen into the product,
    c) If the product has been exposed to rain or water,
    d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
    e) If the product has been dropped or damaged in any way, and
    f) When the product exhibits a distinct change in performance – this indicates a need for service.
22. Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
24. Wall or Ceiling Mounting – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. Heat – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

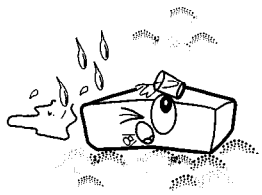
NOTE ON USE / OBSERVATIONS RELATIVES A L'UTILISATION / NOTAS SOBRE EL USO



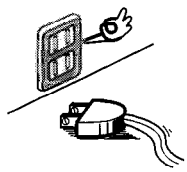
- Avoid high temperatures.
  Allow for sufficient heat dispersion when installed on a rack.
- Eviter des températures élevées
  Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère.
- Evite altas temperaturas.
  Permite la suficiente dispersión del calor cuando está instalado en la consola.



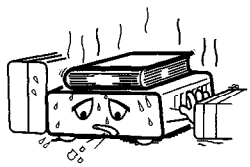
- Handle the power cord carefully.
  Hold the plug when unplugging the cord.
- Manipuler le cordon d'alimentation avec précaution.
  Tenir la prise lors du débranchement du cordon.
- Maneje el cordón de energía con cuidado.
  Sostenga el enchufe cuando desconecte el cordón de energía.



- Keep the set free from moisture, water, and dust.
- Protéger l'appareil contre l'humidité, l'eau et lapoussière.
- Mantenga el equipo libre de humedad, agua y polvo.

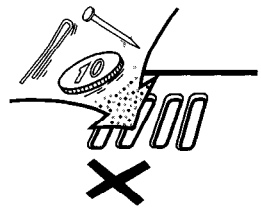


- Unplug the power cord when not using the set for long periods of time.
- Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes.
- Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.

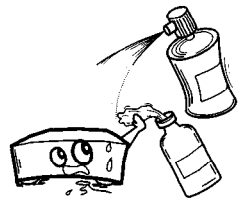


✻ (For sets with ventilation holes)

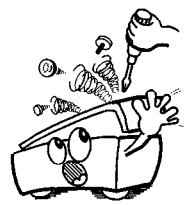
- Do not obstruct the ventilation holes.
- Ne pas obstruer les trous d'aération.
- No obstruya los orificios de ventilación.



- Do not let foreign objects in the set.
- Ne pas laisser des objets étrangers dans l'appareil.
- No deje objetos extraños dentro del equipo.



- Do not let insecticides, benzene, and thinner come in contact with the set.
- Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil.
- No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.



- Never disassemble or modify the set in any way.
- Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.
- Nunca desarme o modifique el equipo de ninguna manera.

Copyrights / Droits d'auteur / Derechos de Autor

- It is prohibited by law to reproduce, broadcast, rent or play discs in public without the consent of the copyright holder.
- La reproduction, la diffusion, la location, le prêt ou la lecture publique de ces disques sont interdits sans le consentement du détenteur des droits d'auteur.
- De acuerdo con las leyes está prohibido reproducir, emitir, alquilar o interpretar discos en público sin la autorización del propietario de los derechos de autor.

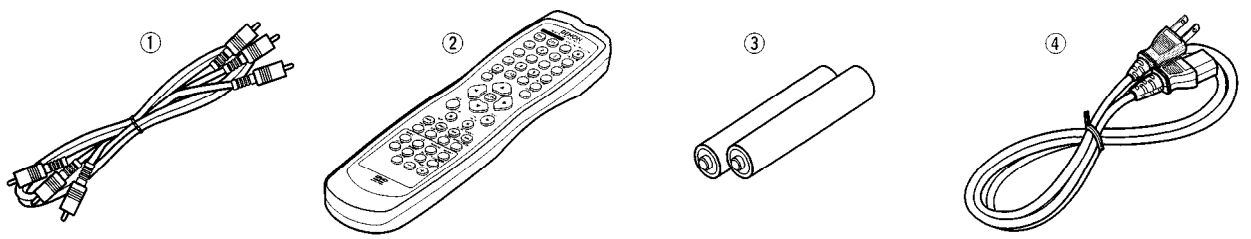
— TABLE OF CONTENTS —

1 Features 6, 7
2 Discs 8
3 Cautions on Handling Discs 9
4 Connections ..... 10 ~ 15
5 Part Names and Functions 16, 17
6 Remote Control Unit 18, 19
7 Loading Discs 20
8 Changing the Default Settings ..... 21 ~ 37
9 Playback ..... 38 ~ 42
10 Using the Pure Direct Mode 43
11 Adjusting the Picture Quality ..... 44 ~ 46
12 Using the On-Screen Display 47
13 Playing Repeatedly 48, 49
14 Playing Tracks in the Desired Order 50
15 Playing Tracks in the Random Order 51
16 MP3 Playback 52, 53
17 Playing Still Picture Files (JPEG format) ..... 54 ~ 56
18 Using the Multiple Audio, Subtitle and Angle Functions ..... 57 ~ 59
19 Using the Menus 60, 61
20 Marking Scenes you want to see again 62
21 Playing in the Zoom Mode 63
22 Troubleshooting 64
23 Main Specifications 65

• ACCESSORIES

Please check to make sure the following items are included with the main unit in the carton:

① Audio video cord 1
② Remote control unit (RC-553) 1
③ "AA" (R6P) batteries 2
④ AC cord 1
⑤ Operating instructions 1
⑥ Service station list 1



1 FEATURES

1. Newly developed AL24 Processing Plus

(1) AL24 Processing Plus, an advanced version of conventional AL24 Processing, is a newly developed analog waveform reproduction technology, and offers compatibility with the high number of bits and high sampling rates of next generation media. AL24 Processing Plus compensates the input digital data to reproduce the sound with analog waveforms as close as possible to those existing in nature and with 24-bit quality. The result is increased musical reproduction capabilities of reverberations, etc., at low levels, for a sound that seems to draw you into the concert hall.

(2) AL24 Processing Plus of course carries over Adaptive Line Pattern Harmonized Algorithm & Automatic Low Pass Filter Harmonic Adjustment, the strong points of conventional ALPHA Processing. On the DVD-3800 these filters have been dramatically improved, resulting in a filtered band attenuation of over –115 dB and ripple within the passing band of ±0.00002 dB, a figure comparable to that of professional recorders.

2. High precision multi 24-bit D/A converter

(1) The DVD-3800 is equipped with a multi 24-bit D/A converter for faithful D/A conversion of the high quality 24-bit data achieved through AL24 Processing Plus. This further enhances such aspects of audio performance as the S/N ratio, dynamic range and distortion and makes full use of the possibilities for high quality sound provided by a high number of bits and high sampling rates.

(2) The multi 24-bit D/A converter is little affected by noise resulting from fluctuations in the power supply voltage and current, and the quantization distortion level within the band is constant regardless of the frequency, resulting in clear sound with little noise.

3. HDCD® (High Definition Compatible Digital) decoder (NOTE 1)

HDCD is an encoding/decoding technology that greatly reduces the distortion occurring at the time of digital recording while maintaining compatibility with the conventional CD format. HDCD allows 24-bit data to be converted into the 16-bit data of current CDs with no loss in sound quality.

The use of this HDCD decoder makes it possible to achieve the high resolution and low distortion characteristic of HDCD when playing HDCD-compatible discs, and DENON's digital technology optimizes the high sound quality possibilities of HDCD technology. Furthermore, normal CDs, DVDs and HDCD-compatible CDs are automatically identified, and the optimum digital signal processing for that type of disc is used.

4. Dolby Digital (AC-3)/DTS decoder (NOTE 2) (NOTE 3)

The DVD-3800 is equipped with a built-in Dolby Digital (AC-3) /DTS decoder, allowing you to recreate the atmosphere of a movie theater or concert hall when using the DVD-3800 in combination with an AV amplifier and speakers.

5. Progressive Scan circuit "Pure Progressive™" (NOTE 4)

The DVD-3800 is equipped with a high precision Progressive Scan circuit "Pure Progressive™" allowing it to reproduce movies and other images on DVDs with a quality near that of the original.

6. 12-bit/108 MHz video D/A converter (NOTE 5)

The DVD-3800 uses a video D/A converter that conducts D/A conversion of all video signals at 12 bits and allows 4X oversampling in the progressive mode to achieve the high quality picture that DVDs are meant to provide. In addition, NSV technology reduces noise upon D/A conversion.

7. Thorough vibration-resistant design

(1) Mechanism using a hybrid loader.
(2) The pickup mechanism is positioned at the center to reduce the effects of external vibrations.
(3) A heavyweight chassis and low center of gravity make for a low vibration design.

8. Multiple functions

(1) Picture CD playback function (NOTE 6)
Kodak Picture CDs can be played on the DVD-3800.
Still images stored in JPEG format on CD-R/RWs can also be played.
(2) Multiple audio function
Selection of up to 8 audio languages.
(The number of languages offered differs from DVD to DVD.)
(3) Multiple subtitle function
Selection of up to 32 subtitle languages.
(The number of languages offered differs from DVD to DVD.)
(4) Multiple angle function
The angle of view can be changed.
(For DVDs on which multiple angles are recorded.)
(5) GUI (Graphical User Interface) function
The display button on the remote control unit can be used to display player and disc information on the TV screen.
(6) Marker function
The positions of up to five scenes can be stored in the memory, so you can watch your favorite scenes whenever you want.
(7) Playback disable function
This function can be used to disable playback of DVDs you do not want children to watch.

NOTES:

1. HDCD®,HDCD®, High Definition Compatible Digital® and Pacific Microsonics™ are either registered trademarks or trademarks of Pacific Microsonics, Inc. in the United States and/or other countries. HDCD system manufactured under license from Pacific Microsonics, Inc. This product is covered by one or more of the following: In the USA: 5,479,168, 5,683,074, 5,640,161, 5,808,574, 5,838,274, 5,854,600, 5,864,311, 5,872,531, and in Australia: 669114. Other patents pending.
2. Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Work. ©1992 – 1998 Dolby Laboratories, Inc. All rights reserved.
3. "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.
4. "Pure Progressive" is a trademark of Silicon Image, Inc.
5. "NSV" is a trademark of Analog Devices, Inc.
6. "KODAK" is a trademark of Eastman Kodak Company.

2 DISCS

- The types of discs listed on the table below can be used on the DVD-3800.
  The marks are indicated on the disc labels or jackets.

Usable discs	Mark (logo)	Recorded signals	Disc size
DVD video DVD audio (NOTE 1) DVD-R DVD-RW (NOTE 2)	DVD VIDEO, DVD VIDEO, DVD AUDIO, DVD R, DVD R, DVD RW, DVD RW	Digital audio + digital video (MPEG2)	12 cm 8 cm
Video CD (NOTE 1)	COMPACT disc DIGITAL VIDEO	Digital audio + digital video (MPEG1)	12 cm 8 cm
CD CD-R CD-RW (NOTE 3)	COMPACT disc DIGITAL AUDIO, COMPACT disc DIGITAL AUDIO Recordable, COMPACT disc DIGITAL AUDIO ReWritable	Digital audio MP3 Digital picture (JPEG)	12 cm 8 cm
Picture CD	Picture CD	JPEG	12 cm

■ The following types of discs cannot be played on the DVD-3800:

- DVDs with region numbers other than "1" or "ALL"
- DVD-ROM/RAMs
- DVD+RW/DVD+R
- SACD
- CD-ROMs
- CVD/SVCD/VSDs
- CDVs (Only the audio part can be played.)
- CD-Gs (Only the audio is output.)
- Photo CDs

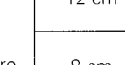
NOTE 1: Some DVD audio, DVD video and video CD discs do not operate as described in this manual due to the intentions of the discs' producers.

NOTE 2: Playing DVD-R and DVD-RW discs
DVD-R and DVD-RW discs recorded in video format on a DVD recorder can be played on the DVD-3800.
Discs that have not be finalized cannot be played.
Depending on the disc's recording status, the disc may not be accepted or may not be played normally (the picture or sound may be not be smooth, etc.).

NOTE 3: According to recording quality, some CD-R/RW cannot be played.

NOTE:

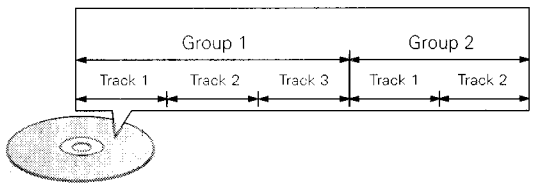
- This DVD player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc.
  If the Region number described on the DVD disc does not correspond to the Region number of this DVD player, this DVD player cannot play this disc.
  The Region number for this DVD player is 1.



■ Disc terminology

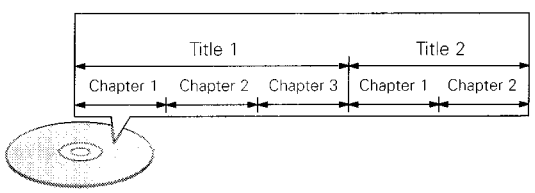
- **Groups and tracks (DVD-audios)**
  DVD-audios are divided into several large sections called "groups" and smaller sections called "tracks".
  Numbers are allotted to these sections. These numbers are called "group numbers" and "track numbers".

For example:



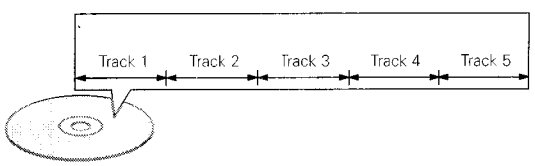
- **Titles and chapters (DVD-videos)**
  DVD-videos are divided into several large sections called "titles" and smaller sections called "chapters".
  Numbers are allotted to these sections. These numbers are called "title numbers" and "chapter numbers".

For example:



- **Tracks (video and music CDs)**
  Video and music CDs are divided into sections called "tracks".
  Numbers are allotted to these sections. These numbers are called "track numbers".

For example:

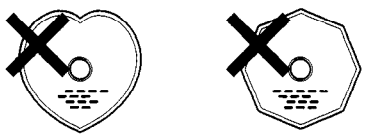


- **Playback control (video CDs)**
  Video CDs including the words "playback control" on the disc or jacket are equipped with a function for displaying menus on the TV screen for selecting the desired position, displaying information, etc., in dialog fashion.
  In this manual, playing video CDs using such menus is referred to "menu playback".
  Video CDs with playback control can be used on the DVD-3800.

3 CAUTIONS ON HANDLING DISCS

Discs

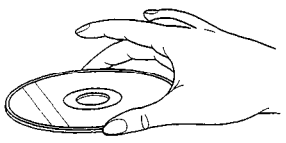
Only the discs including the marks shown on page 8 can be played on the DVD-3800.
Note, however, that discs with special shapes (heart-shaped discs, hexagonal discs, etc.) cannot be played on the DVD-3800. Do not attempt to play such discs, as they may damage the player.



Holding Discs

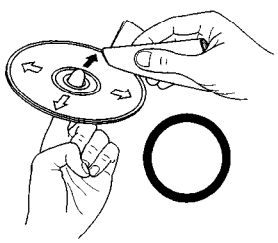
Avoid touching the surface of discs when loading and unloading them.

Be careful not to get fingerprints on the signal surface (the side which shines in rainbow colors).

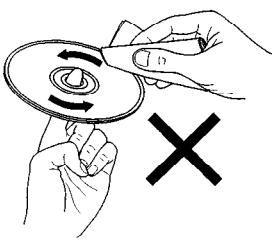


Cleaning Discs

- Fingerprints or dirt on the disc may lower sound and picture quality or cause breaks in playback. Wipe off fingerprints or dirt.
- Use a commercially available disc cleaning set or a soft cloth to wipe off fingerprints or dirt.



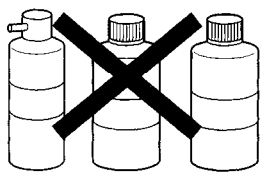
Wipe gently from the middle outwards.



Do not wipe with a circular motion.

NOTE:

- Do not use record spray or antistatic. Also do not use volatile chemicals such as benzene or thinner.



Record spray Thinner Benzene

Cautions on Handling Discs

- Do not get fingerprints, grease or dirt on discs.
- Be especially careful not to scratch discs when removing them from their cases.
- Do not bend discs.
- Do not heat discs.
- Do not enlarge the center hole.
- Do not write on the labeled (printed) side with a ball-point pen or a pencil.
- Water droplets may form on the surface if the disc is moved suddenly from a cold place to a warm one. Do not use a hairdryer, etc., to dry the disc.

Cautions on Storing Discs

- Always eject discs after playing them.
- Keep discs in their cases to protect them from dust, scratches and warping.
- Do not put discs in the following places:
  1. Places exposed to direct sunlight for long periods of time
  2. Humid or dusty places
  3. Places exposed to heat from heaters, etc.

Cautions on Loading Discs

- Only load one disc at a time. Loading one disc on top of another may result in damage or scratch the discs.
- Load 8 cm discs securely in the disc guide, without using an adapter. If the disc is not properly loaded, it may slip out of the guide and block the disc tray.
- Be careful not to let your fingers get caught when the disc tray is closing.
- Do not place anything but discs in the disc tray.
- Do not load cracked or warped discs or discs that have been fixed with adhesive, etc.
- Do not use discs on which the adhesive part of cellophane tape or glue used to attach the label is exposed, or discs with traces of tape or labels that have been peeled off. Such discs may get stuck inside the player, resulting in damage.

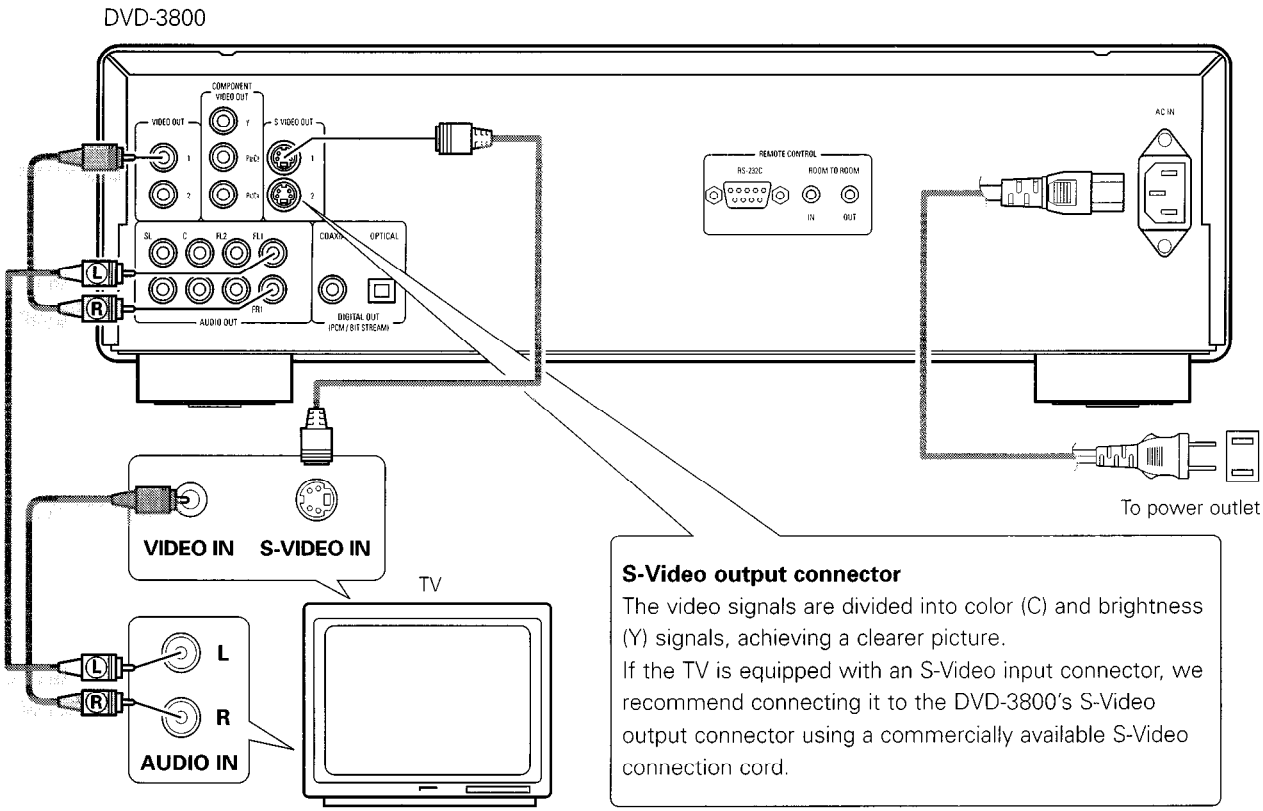
4 CONNECTIONS

NOTES:

- Read the manuals of all the components when making connections.
- Keep the power cord unplugged until all connections have been completed.
- If the power is on when connections are made, noise may be generated and damage the speakers.
- Be sure to connect the left and right channels properly, L (left) to L, R (right) to R.
- Plug the power cord securely into the power outlet. Incomplete connection may result in noise.
- Binding the power cord together with connection cords may result in humming or noise.

(1) Connecting to a TV

- Use the included audio video cord to connect the TV's video input connector and audio input connectors to the DVD-3800's VIDEO OUT or S-VIDEO OUT and AUDIO OUT.



S-Video output connector
The video signals are divided into color (C) and brightness (Y) signals, achieving a clearer picture.
If the TV is equipped with an S-Video input connector, we recommend connecting it to the DVD-3800's S-Video output connector using a commercially available S-Video connection cord.

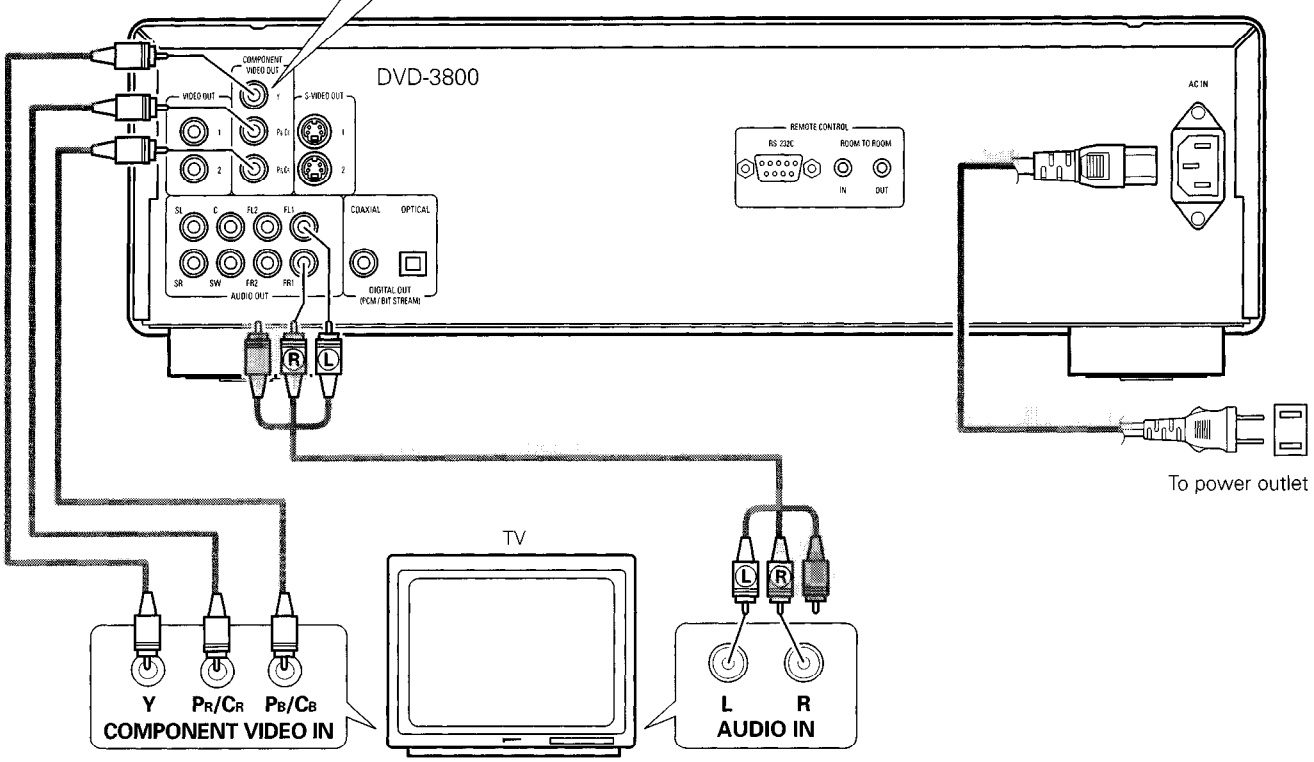
NOTES:

- Connect the DVD-3800's video outputs to the TV either directly or through an AV amplifier. Do not connect it via a VCR (video cassette recorder). Some discs contain copy prohibit signals. If such discs are played via a VCR, the copy prohibit system may cause disturbance in the picture.
- Set the "TV TYPE" in "VIDEO SETUP" in "SETUP" to comply with your TV's video format. When the TV is NTSC formated set to NTSC. (See page 28)
- To use with 2-channel audio output, set "2 CHANNEL" in "AUDIO CHANNEL" in "AUDIO SETUP" in "SETUP" at the initial settings. (See page 30)
- Set the "TV ASPECT" in "VIDEO SETUP" in "SETUP" to comply with your TV's aspect. (See page 28)
- To use with video out or s-video output, set "INTERLACED" in "VIDEO OUT" in "VIDEO SETUP" in "SETUP" at the initial settings. (See page 28)

(2) Connecting to a TV or Monitor Equipped with Color Component Input Connectors

Color component output connectors (PR/CR, PB/CB and Y)
The red (PR/CR), blue (PB/CB) and brightness (Y) signals are output independently, achieving more faithful reproduction of the colors.

- The color component input connectors may be marked differently on some TVs or monitors (PR, PB and Y/R-Y, B-Y and Y/CR, CB and Y, etc.). For details, refer to the TV's operating instructions.
- **Connect in this way if your TV is compatible with Progressive Scan.**



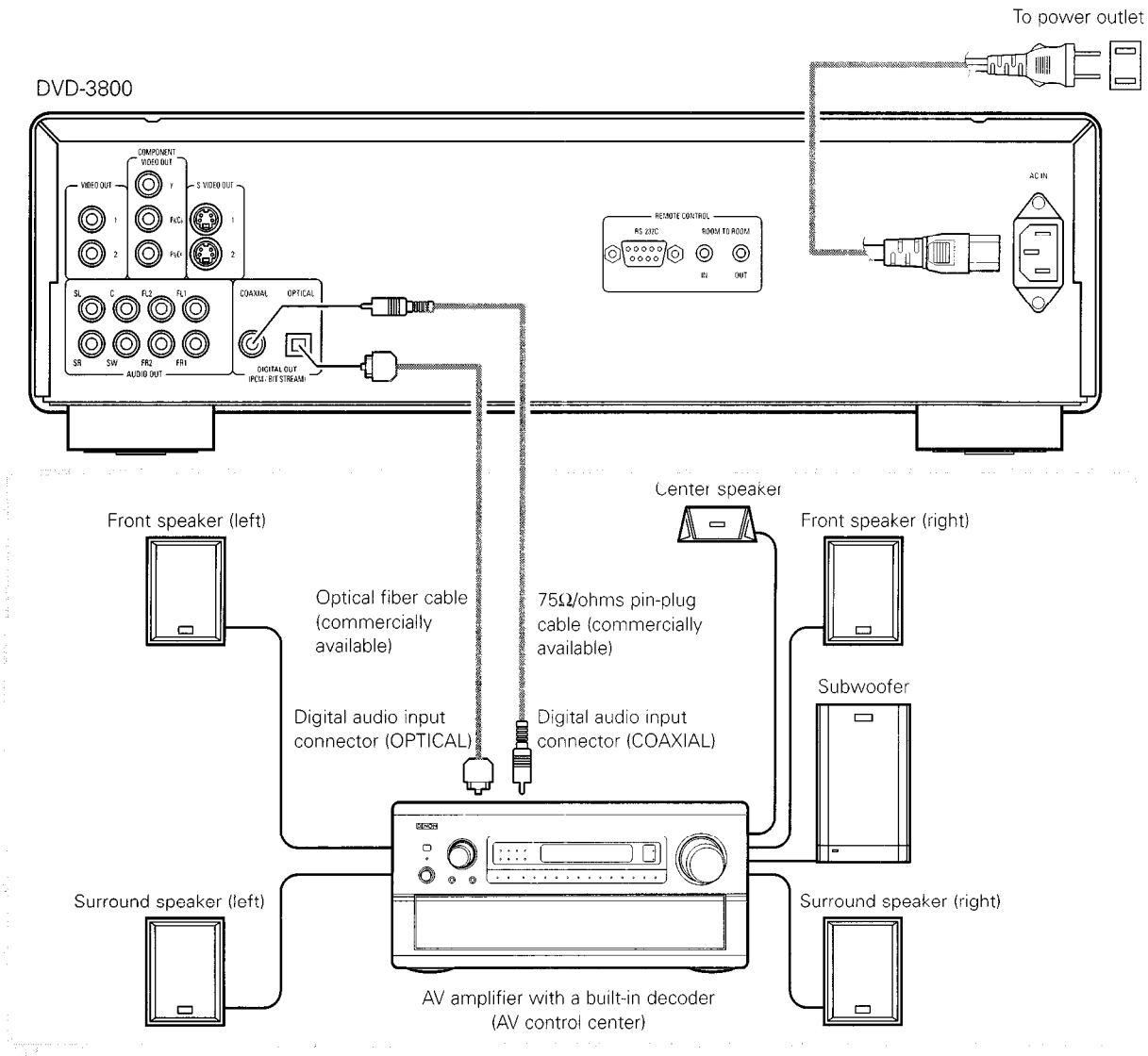
NOTES:

- Use the three commercially available video cords to connect the DVD-3800's color component output connectors to the TV or monitor.
- Set the "TV TYPE" in "VIDEO SETUP" in "SETUP" to comply with your TV's video format. When the TV is NTSC formated set to NTSC. (See page 28)
- Set the "VIDEO OUT" in "VIDEO SETUP" in "SETUP" to comply with Progressive TV. (NTSC formated only)
- To use with 2-channel audio output, set "2 CHANNEL" in "AUDIO CHANNEL" in "AUDIO SETUP" in "SETUP" at the initial settings. (See page 30)
- Set the "TV ASPECT" in "VIDEO SETUP" in "SETUP" to comply with your TV's aspect. (See page 28)

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE "STANDARD DEFINITION" OUTPUT.

(3) Connecting to a AV amplifier with a built-in decoder

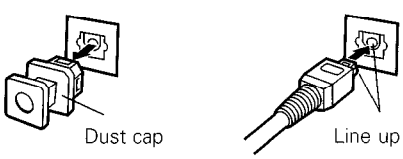
When DVDs recorded in Dolby Digital or DTS are played, Dolby Digital or DTS bitstream signals are output from the DVD player's digital audio output connectors. If a Dolby Digital or DTS decoder is connected, you can achieve sound with the power and sense of presence of a movie theater or concert hall.



NOTES:

- Harsh noise that could harm your ears or damage the speakers is generated when a DVD recorded in DTS is played while using a decoder, etc., that is not DTS-compatible.
- When playing copyright-protected linear PCM or packed PCM DVDs, in consideration of copyrights, no digital signals are output for sources exceeding 48 kHz/16 bits. When playing such sources, either set "LPCM (44.1 kHz/48 kHz)" under "AUDIO SETUP" at "SETUP" to "ON" (see page 33) or make analog connections. (See page 14.)
- When making digital connections to an AV amplifier that is not compatible with 96 kHz/88.2 kHz signals, set "LPCM (44.1 kHz/48 kHz)" under "AUDIO SETUP" at "SETUP" to "ON". (See page 33.)

■ Connecting an optical fiber cable (commercially available) to the digital audio input connector (OPTICAL)



Remove the dust cap, line up the cable in the proper directly, then insert it securely as far as it goes.

NOTE:

- Store the dust cap in a safe place, and be careful not to lose it.
  When not using the terminal, attach the cap to protect the terminal from dust.

■ Sound output from the DVD-3800's digital audio output connectors

In the case of bit stream output

		Settings	
		DIGITAL OUT	
	Audio recording format	NORMAL	PCM
DVD video	Dolby Digital	Dolby Digital bitstream	2 channels PCM (48 kHz / 16 bit)
	DTS	DTS bitstream	2 channels PCM (48 kHz / 16 bit)

In the case of PCM output

			Settings		
			LPCM SELECT		
	Audio recording format		OFF		ON
			Copy protection ON	Copy protection OFF	
DVD video	Linear PCM	48 kHz / 16 ~ 24 bit	No output data (*1)	48 kHz / 16 ~ 24 bit PCM	48 kHz / 16 bit PCM
		96 kHz / 16 ~ 24 bit	No output data	96 kHz / 16 ~ 24 bit PCM	48 kHz / 16 bit PCM
DVD audio	Linear PCM or Packed PCM	44.1 kHz / 16 ~ 24 bit	No output data (*2)	44.1 kHz / 16 ~ 24 bit PCM	44.1 kHz / 16 bit PCM
		48 kHz / 16 ~ 24 bit	No output data (*1)	48 kHz / 16 ~ 24 bit PCM	48 kHz / 16 bit PCM
		88.2 kHz / 16 ~ 24 bit	No output data	88.2 kHz / 16 ~ 24 bit PCM	44.1 kHz / 16 bit PCM
		96 kHz / 16 ~ 24 bit	No output data	96 kHz / 16 ~ 24 bit PCM	48 kHz / 16 bit PCM
		176.4 kHz / 16 ~ 24 bit	No output data	88.2 kHz / 16 ~ 24 bit PCM	44.1 kHz / 16 bit PCM
		192 kHz / 16 ~ 24 bit	No output data	96 kHz / 16 ~ 24 bit PCM	48 kHz / 16 bit PCM
Video CD	MPEG 1		44.1 kHz / 16 bit PCM		44.1 kHz / 16 bit PCM
Music CD	44 1 kHz / 16 bit Linear PCM		44.1 kHz / 16 bit PCM		44.1 kHz / 16 bit PCM
MP3 CD	MP 3 (MPEG-1 Audio Layer 3)		32 ~ 48 kHz / 16 bit PCM		32 ~ 48 kHz / 16 bit PCM

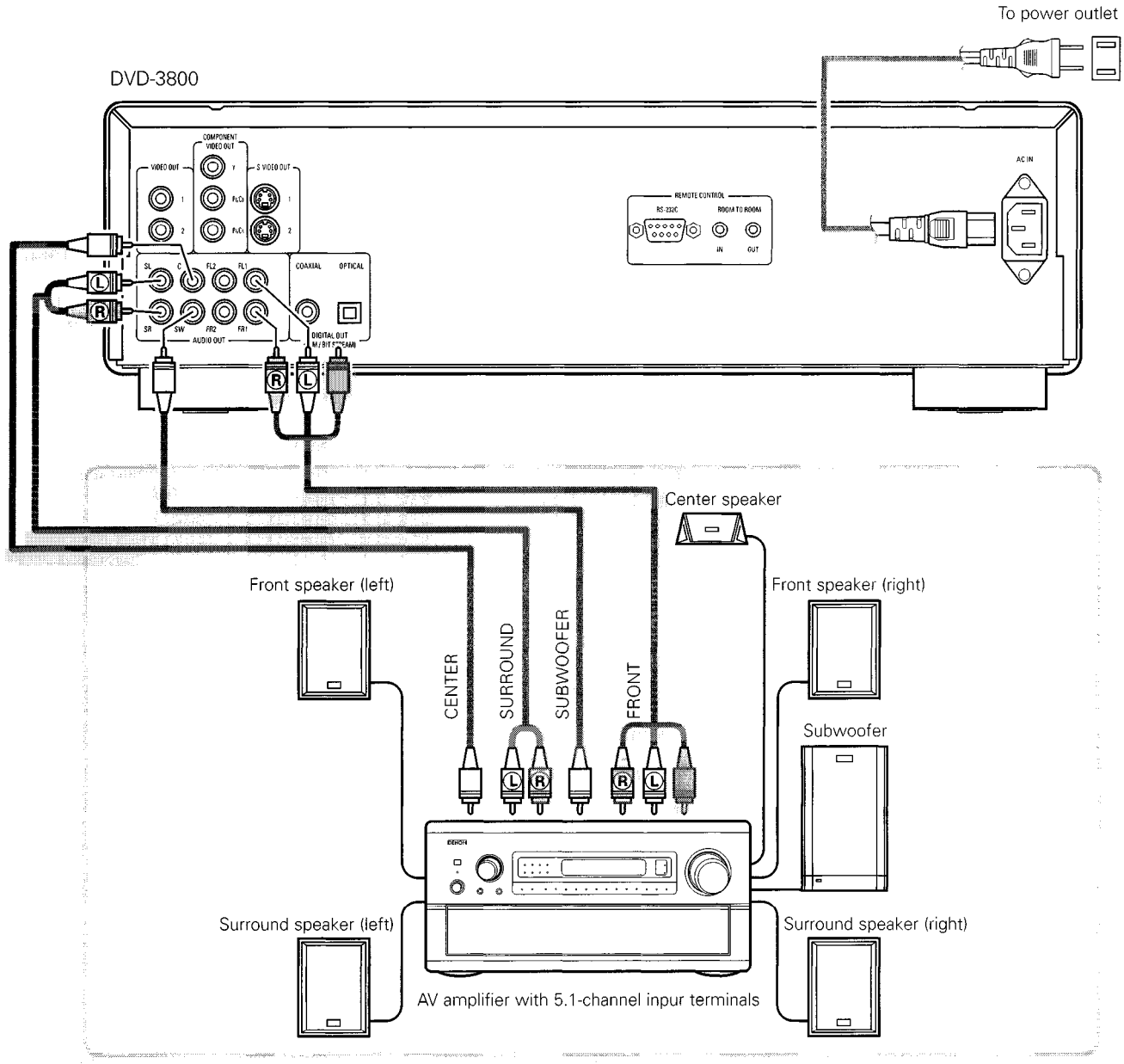
*1 Only 48 kHz/16-bit sources are output.

*2 Only 44.1 kHz/16-bit sources are output.

- Down-mixed to 2 channels for multi-channel PCM sources. (Only the front left and right channels are output for sources for which down-mixing is prohibited.)
- When "OFF" is selected, digital signals are not output from the digital audio output at this time.
- Linear PCM audio is the signal recording format used for music CDs.
  While the signals are recorded at 44.1 kHz/16 bit for music CDs, for DVDs they are recorded at 44.1 kHz/16 bit to 192 kHz/24 bit, providing higher sound quality than music CDs.
- Packed PCM signals are high sound quality compressed PCM signals that are decompressed with virtually no loss of data.

(4) Connecting a basic 5.1-channel surround system

Analog 5.1-channel audio signals can be output from the DVD-3800.
The multichannel audio signals recorded in packed PCM can be played when an AV amplifier equipped with analog 5.1-channel audio inputs is connected.



NOTES:

- For multi-channel connections, set "AUDIO CHANNEL" under "AUDIO SETUP" at "SETUP" to "MULTI CHANNEL" and make the "SPEAKER CONFIGURATION", "CHANNEL LEVEL" and "DELAY TIME" settings.
- Set "LPCM (44.1 kHz/48 kHz)" under "AUDIO SETUP" at "SETUP" to "OFF". (See page 33.)
  (If set to "ON", analog audio signals converted to 48 kHz or less will be output for linear PCM or packed PCM sources.)
- When playing DVDs that are not copyright-protected and the unit is set to output digital and analog audio signals simultaneously, for some discs only the signals below 96 kHz for the front two channels will be output for the analog part.
  When playing DVDs that are not copyright-protected, set "DIGITAL OUTPUT" at "PURE DIRECT MODE" to "OFF". (See page 43.)
- With the DVD-3800, we recommend turning the digital output off and only outputting analog signals in order to keep interference from the digital output circuitry to the minimum and allow you to enjoy high bit, high sampling frequency, high quality multi-channel sound.

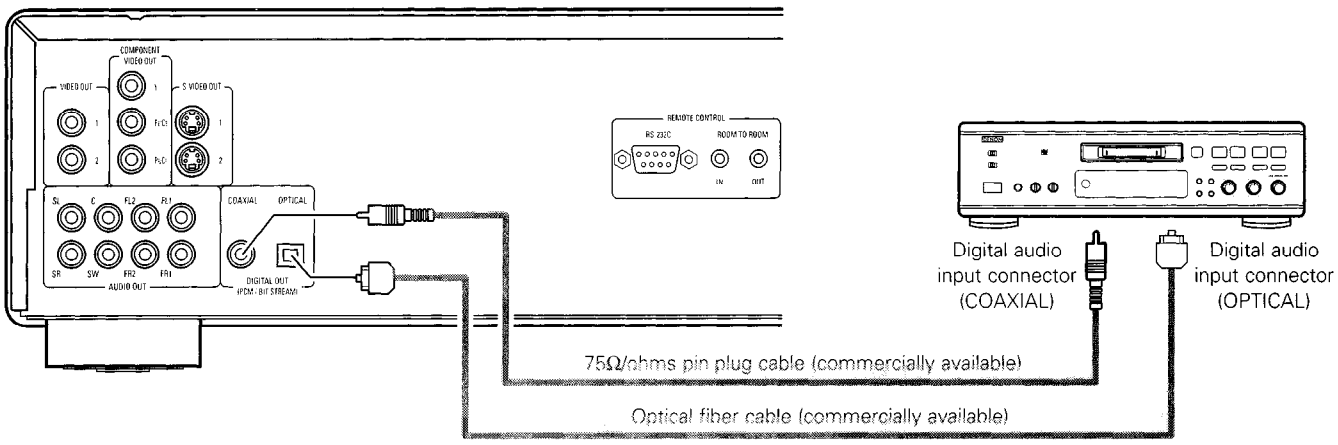
(5) Connecting to a Digital Recorder (MD Recorder, DAT Deck, etc.)

✻ Set the "AUDIO SETUP" default setting as shown below. (See page 33.)

- "DIGITAL OUT" → "PCM"
  "LPCM (44.1kHz/48kHz)" → "ON"

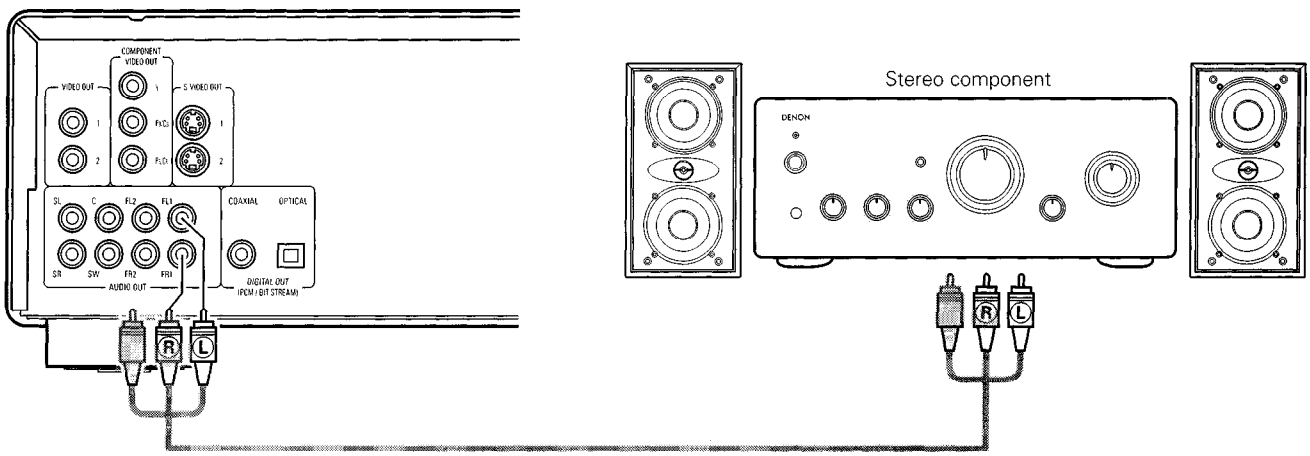
Playing DVDs with incorrect settings may result noise that could damage your ears or the speakers.

DVD-3800



(6) Connecting to a Stereo Component

DVD-3800



NOTES:

- When connecting to a 2-channel audio stereo device, set "AUDIO CHANNEL" under "AUDIO SETUP" at "SETUP" to "2 CHANNEL" (see page 30). For multi-channel sources, the signals are down-mixed into two channels (analog).
  (Only the front left and right channels are output for sources for which down-mixing is prohibited.)
- Set "LPCM (44.1 kHz/48 kHz)" under "AUDIO SETUP" at "SETUP" to "OFF". (See page 33.)
  (If set to "ON", analog audio signals converted to 48 kHz or less will be output for linear PCM or packed PCM sources.)
- Set "DIGITAL OUTPUT" at "PURE DIRECT MODE" to "OFF". (See page 43.)
  (If set to "ON", analog audio signals converted to 96 kHz/88.2 kHz will be output when playing sources recorded at 196 kHz/176.4 kHz.)

5 PART NAMES AND FUNCTIONS

(1) Front Panel

See page 3.

❶ Power button
- Press once to turn the power on.
- Press again to set to the "OFF" position and turn the power off.
- Set the power to the standby mode by pressing the POWER OFF button on the remote control unit while the power is on.
- Turn the power on from the standby mode by pressing the POWER ON button on the remote control unit.

❷ Power indicator
- This indicator lights when the power is on and when the power is in the standby mode.

❸ AL24 PLUS indicator
- This indicator lights when the audio signals of a DVD, etc., are being processed digitally with the AL24 processing Plus, a newly developed analog waveform reproduction technology.

❹ DVD AUDIO indicator
- This indicator lights when playing discs recorded in DVD audio format.

❺ Disc tray
- Load discs here. (See page 20.)
- Press the OPEN/CLOSE button ⓮ to open and close the disc tray.
- The disc tray is also closed when the PLAY button ❻ is pressed.

❻ PLAY button
- Press this button to play the disc. (See page 39.)

❼ STOP button
- Press this to stop the disc. (See page 40.)

❽ Skip button (I◄◄)
- Press this to move back to the beginning of the current track (or chapter).
- Press again to move back to the beginning of the previous track (or chapter). (See page 41.)

❾ Skip button (►►I)
- Press this to move ahead to the beginning of the next track (or chapter). (See page 41.)

❿ PURE DIRECT selector
- Use this to select modes with specific movie signal and digital audio signal output settings.

⓫ Remote control sensor

⓬ Display
- Information on the disc that is currently playing is shown on the display. (See page 17.)

⓭ STILL/PAUSE button (❚❚)
- Press this button to pause images or music or to play images frame by frame. (See page 40, 41.)

⓮ OPEN/CLOSE button (⏏)
- Press this button to open and close the disc tray. (See page 20.)

⓯ Slow/Search button (◄◄)
- Press this to set the slow play mode and to search in the reverse direction. (See page 40, 41.)

⓰ Slow/Search button (►►)
- Press this to set the slow play mode and to search in the forward direction. (See page 40, 41.)

(2) Rear Panel

⑰ Video output connectors (VIDEO OUT)
- Connect using the included audio video cord.

⑱ Component video output connectors (COMPONENT VIDEO OUT)
- Connect using video cords (available in stores).

⑲ S-Video output connector (S-VIDEO OUT)
- Connect using an S-Video connection cord (available in stores).

⑳ Audio output connectors (AUDIO OUT)
- Connect using the included audio video cord.

㉑ Digital audio output connector (COAXIAL)
- Connect using an audio cord. Connect a commercially available 75 Ω/ohms pin-plug cord.
- Digital data is output from this connector.

㉒ Digital audio output connector (OPTICAL)
- Connect using an optical fiber cable (available in stores).
- Digital data is output from this connector.

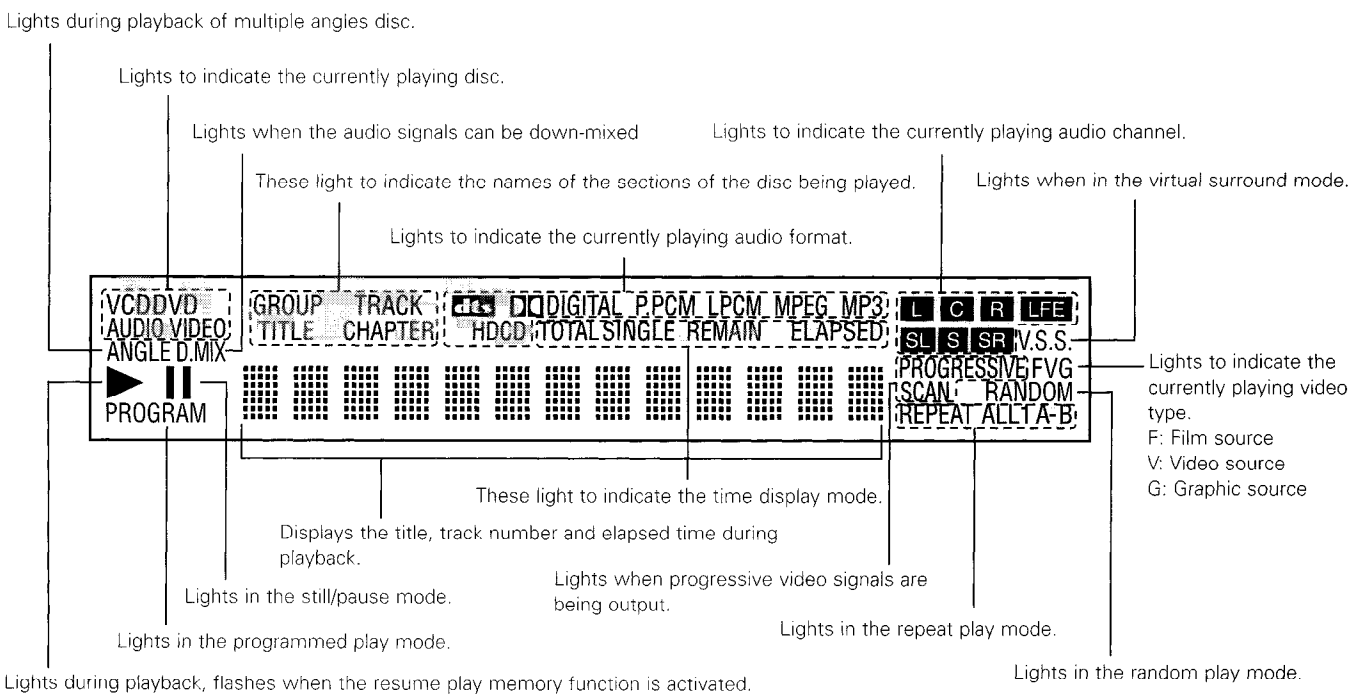
㉓ Control connector (RS-232C)
- This is a terminal for future system expansion.

㉔ Control input connector (ROOM TO ROOM/IN)
- This is the input connector for wired remote control. Consult your DENON dealer if you wish to use this connector.

㉕ Control output connector (ROOM TO ROOM/OUT)
- This is the output connector for wired remote control. Consult your DENON dealer if you wish to use this connector.

㉖ Power input (AC IN)
- Connect to AC power supply using the included AC cord.

(3) Display

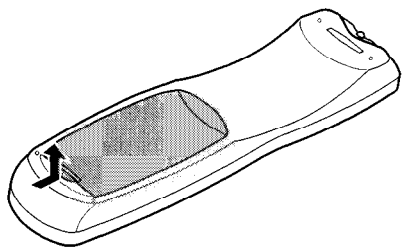

Lights during playback of multiple angles disc.
Lights to indicate the currently playing disc.
Lights when the audio signals can be down-mixed
Lights to indicate the currently playing audio channel.
These light to indicate the names of the sections of the disc being played.
Lights when in the virtual surround mode.
Lights to indicate the currently playing audio format.
VCDDVD
AUDIO VIDEO
ANGLE D.MIX
PROGRAM
GROUP TRACK
TITLE CHAPTER
DIGITAL P.PCM LPCM MPEG MP3
HDCD TOTAL SINGLE REMAIN ELAPSED
L C R LFE
SL S SR V.S.S.
PROGRESSIVE F V G
SCAN RANDOM
REPEAT ALL T A-B
Lights to indicate the currently playing video type.
F: Film source
V: Video source
G: Graphic source
These light to indicate the time display mode.
Displays the title, track number and elapsed time during playback.
Lights when progressive video signals are being output.
Lights in the still/pause mode.
Lights in the repeat play mode.
Lights in the programmed play mode.
Lights in the random play mode.
Lights during playback, flashes when the resume play memory function is activated.

6 REMOTE CONTROL UNIT

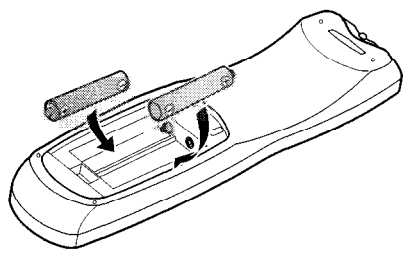
■ The DVD-3800 can be controlled from a distance using the included remote control unit (RC-553).

(1) Inserting Batteries

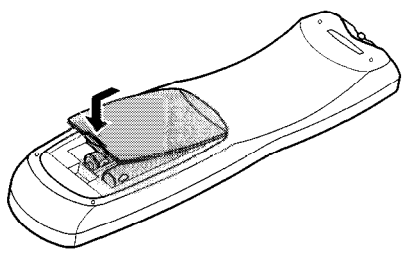
① Remove the remote control unit's rear cover.



② Place two "AA" (R6P) batteries in the battery compartment in the direction indicated by the marks.



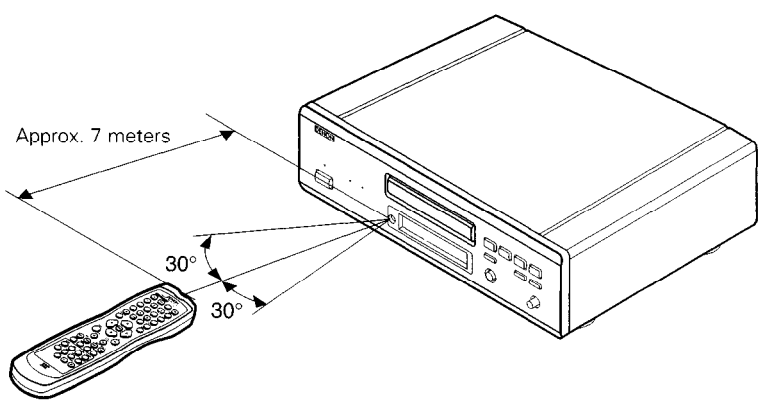
③ Close the rear cover.



Cautions On Batteries

- Use "AA" (R6P) batteries in this remote control unit.
- Replace the batteries with new ones approximately once a year, though this depends on the frequency with which the remote control unit is used.
- If the remote control unit does not operate from close to the main unit, replace the batteries with new ones, even if less than a year has passed.
- The included battery is only for verifying operation. Replace it with a new battery as soon as possible.
- When inserting the batteries, be careful to do so in the proper direction, following the ⊕ and ⊖ marks in the remote control unit's battery compartment.
- To prevent damage or battery fluid leakage:
  - Do not use a new battery with an old one.
  - Do not use two different types of batteries.
  - Do not short-circuit, disassemble, heat or dispose of batteries in flames.
- Remove the batteries when not planning to use the remote control unit for a long period of time.
- If the batteries should leak, carefully wipe off the fluid from the inside of the battery compartment, then insert new batteries.

(2) Using the Remote Control Unit



- When operating the remote control unit, point it at the remote control sensor as shown on the diagram.
- The remote control unit can be used from a direct distance of approximately 7 meters. This distance will be shorter, however, if there are obstacles in the way or if the remote control unit is not pointed directly at the remote control sensor.
- The remote control unit can be operated at a horizontal angle of up to 30° with respect to the remote control sensor.

NOTES:

- It may be difficult to operate the remote control unit if the remote control sensor is exposed to direct sunlight or strong artificial light.
- Do not press buttons on the main unit and on the remote control unit at the same time. Doing so will result in malfunction.

(3) Names and Functions of Remote Control Unit Buttons

■ Button not explained here function in the same way as the corresponding buttons on the main unit.

POWER ON/POWER OFF buttons

Press this to switch the power between on and standby.

Number buttons

Use these to input numbers.
Use the +10 button to input numbers of 10 or over.
Example. To input 25

(+10) → (+10) → (5)

TOP MENU button

The top menu stored on the disc is displayed.

Cursor buttons/ENTER button

Use the ▲ and ▼ buttons to select in the vertical direction.
Use the ◀ and ▶ buttons to select in the horizontal direction
Press the ENTER button to select the item selected with the cursor buttons.

MENU button

The DVD menu stored on the disc is displayed.

STOP button (■)

SKIP buttons

ANGLE button

Press this to switch the angle.

SUBTITLE button

Press this to switch the DVD's subtitle language.

A-B repeat button (A-B)

Use this to repeat sections between two specific points

REPEAT button

Press this to play tracks repeatedly

SETUP button

Press this to display the default setting screen.

DIMMER button

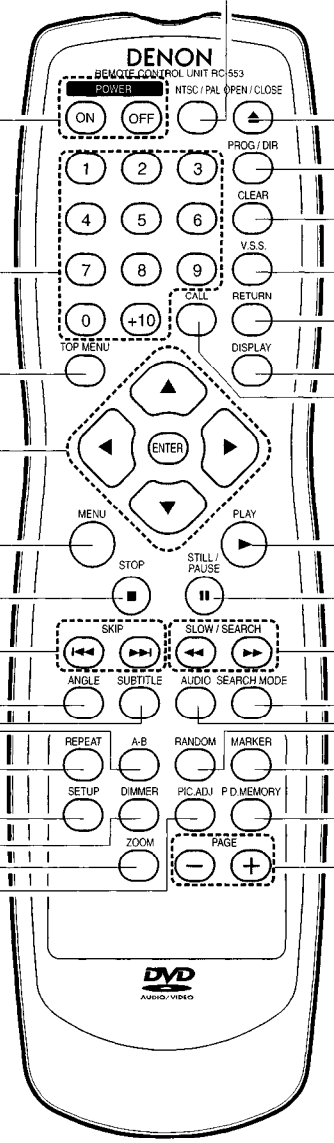
Use this to adjust the brightness of the main unit's display. Can be switched in 4 steps, from OFF to always on.

ZOOM button

Press this to enlarge the image

PICTURE ADJUST button (PIC.ADJ)

Press this to adjust the picture quality to suit your tastes.



NTSC/PAL button

Use this to switch the set's video output format (NTSC/PAL).

OPEN/CLOSE button

PROGRAM/DIRECT button (PROG/DIR)

Press this to switch between the normal play, programmed play.

CLEAR button

Press this to clear numbers that you have input.

V.S.S. button

Sets the virtual surround sound. (Functions when playing DVDs recorded in Dolby Digital with two or more channels.)

RETURN button

Press this to return to the previous menu screen.

DISPLAY button

Press this to display the ON-SCREEN.

CALL button

Press this to check the program contents.

PLAY button (▶)

STILL/PAUSE button (❚❚)

SLOW/SEARCH buttons

SEARCH MODE button

Press this to change the search mode to search for groups or titles, tracks or chapters when selecting sections of discs directly using the number buttons.

AUDIO button

For DVDs, press this to switch the audio language. For video CDs, press this to switch the channel between "LR", "L" and "R".

RANDOM button

Press this to play the tracks on the video or music CD in random order.

MARKER button

Press this to mark places you want to see again.

PURE DIRECT MEMORY button (P.D.MEMORY)

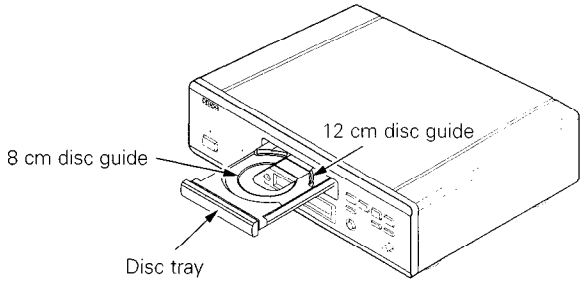
Use this to make various settings to achieve higher quality sound.

PAGE -/PAGE + buttons

Use these to selected the desired still picture on DVD audio discs containing browseable still pictures.

7 LOADING DISCS

■ Set discs in the disc tray with the labeled (printed) side facing up.

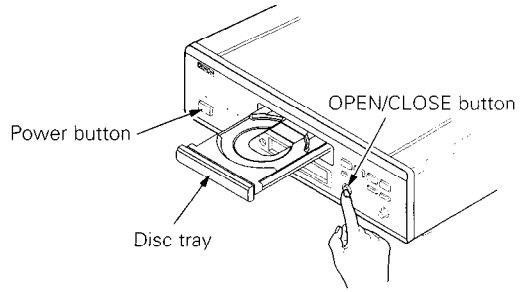


NOTE:

- Do not move the DVD-3800 while a disc is playing. Doing so may scratch the disc.

(1) Opening and Closing the Disc Tray

① Turn on the power.
② Press the OPEN/CLOSE button.



NOTES:

- Be sure to turn on the power before opening and closing the disc tray.
- Do not strike on the button with a pencil, etc.

(2) Loading Discs

- Pick up the disc carefully so as not to touch the signal surface and hold it with the labeled side facing up.
- With the disc tray fully open, set the disc in the disc tray.
- Set 12 cm discs in the outer tray guide (Figure 1), 8 cm discs in the inner tray guide (Figure 2).
- Press the OPEN/CLOSE button. The disc is automatically loaded.
- The disc tray can also be closed automatically to load the disc by pressing the PLAY button.

Figure 1

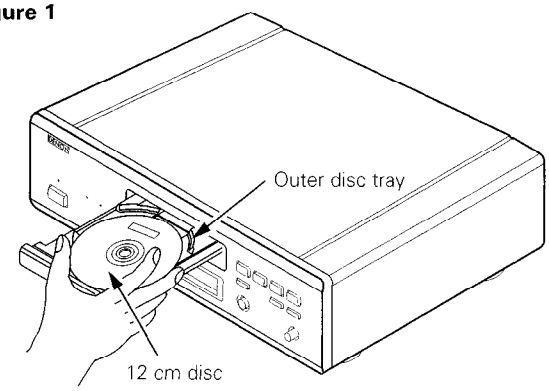
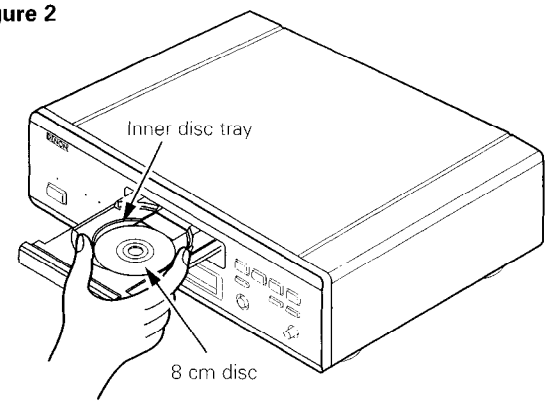


Figure 2

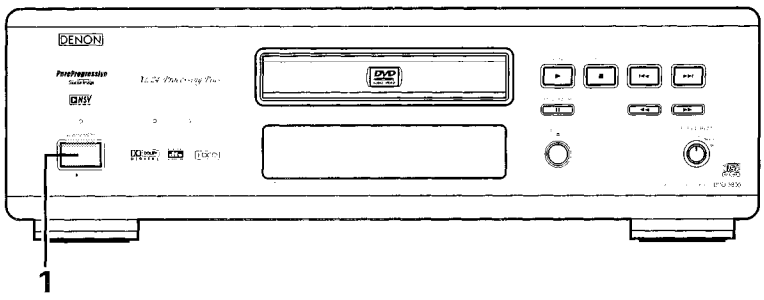


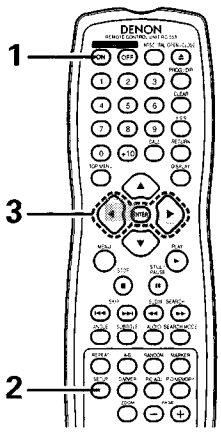
NOTES:

- If a foreign object is caught in the disc tray during closing, simply press the OPEN/CLOSE button again and the tray will open.
- Do not press the disc tray in by hand when the power is off. Doing so will damage it.
- Do not place foreign objects in the disc tray. Doing so will damage it.

8 CHANGING THE DEFAULT SETTINGS

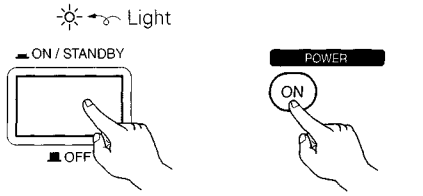
■ Make the initial settings to suit your usage conditions before starting playback.
The initial settings are retained until they are next changed, even if the power is turned off.





1

Turn on the power.
- Press the power button, the power indicator lights and the power turns on.



2

In the stop mode, press the SETUP button.
- The setup (default settings) screen appears.

NOTE: For some menus, the initial values can be changed during playback.

DISC SETUP
Use this to set the language to be used when playing the disc.
If the set language is not offered on that disc, the discs default language is set.

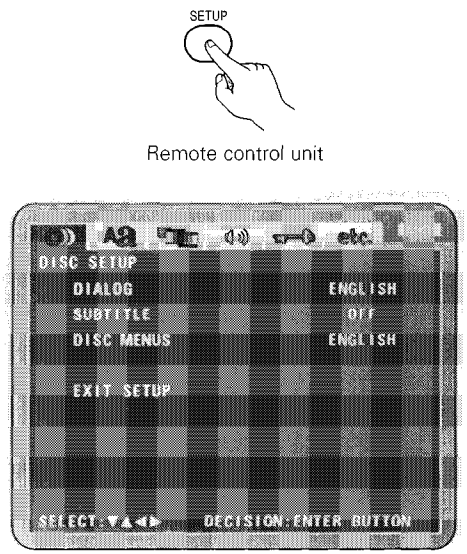
OSD SETUP
Use this to set the language for the default setting screen and messages displayed on the TV screen ("PLAY", etc.).

VIDEO SETUP
Use this to set the DVD-3800's screen mode. (TV aspect and TV type.)

AUDIO SETUP
Use this to set the DVD-3800's audio output mode.
(Digital and LPCM output settings.)

RATINGS
Use this to disable playback of adult DVDs so that children cannot watch them. Note that playback of adult DVDs cannot be disabled if the rating level is not recorded on the DVD, but that it is possible to disable playback of all DVDs.

OTHER SETUP
These include special settings CAPTIONS and COMPRESSION.



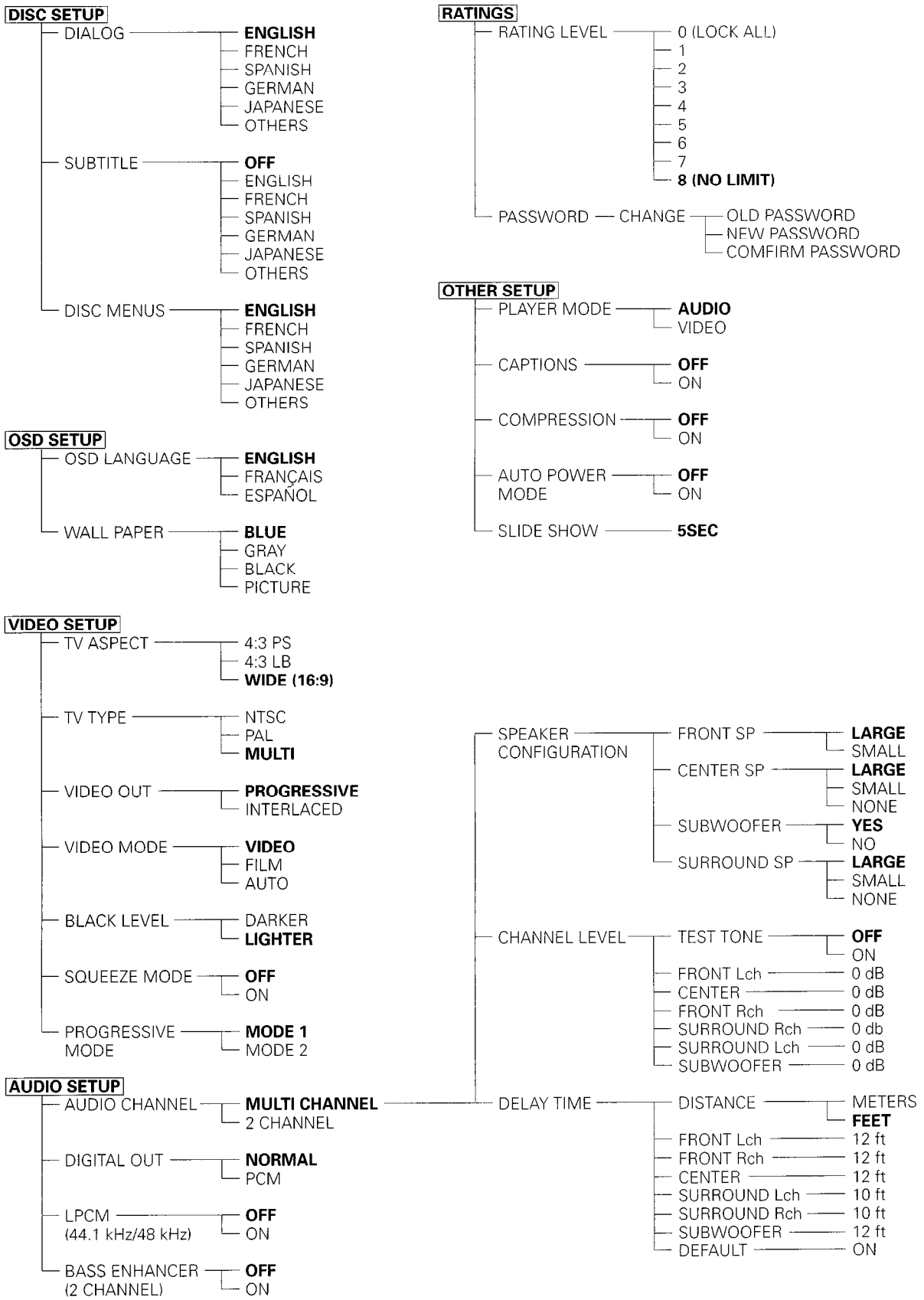
3

Use the ◀ and ▶ cursor buttons to select the desired setting item, then press the ENTER button.
Select "DISC SETUP". (See page 23.)
Select "OSD SETUP". (See page 26.)
Select "VIDEO SETUP". (See page 27.)
Select "AUDIO SETUP". (See page 30.)
Select "RATINGS". (See page 34.)
Select "OTHER SETUP" (See page 36.)

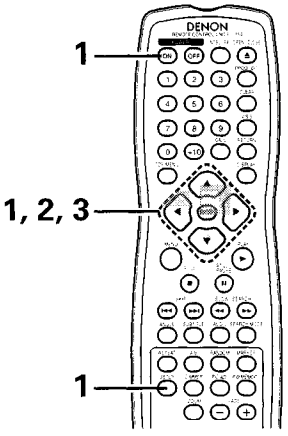
✻ To exit the setup mode
Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

Setup items for use

Bold characters indicate factory defaults.



When "DISC SETUP" is selected



1

See page 21.

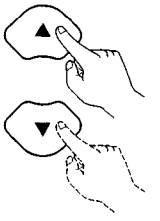
2

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

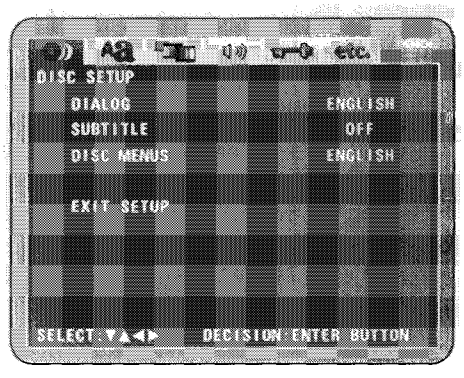
DIALOG
Use this to set the language of the sound output from the speakers.

SUBTITLE
Use this to set the language of the subtitles displayed on the TV.

DISC MENUS
Use this to set the language of the menus recorded on the disc (top menu, etc.).


Remote control unit

Remote control unit



3

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

① When "DIALOG" is selected:

ENGLISH (Factory default)
Select this when you want to play the DVD with the sound in English.

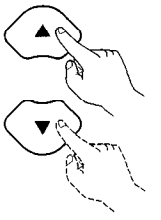
FRENCH
Select this when you want to play the DVD with the sound in French.

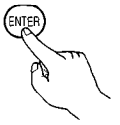
SPANISH
Select this when you want to play the DVD with the sound in Spanish.

GERMAN
Select this when you want to play the DVD with the sound in German.

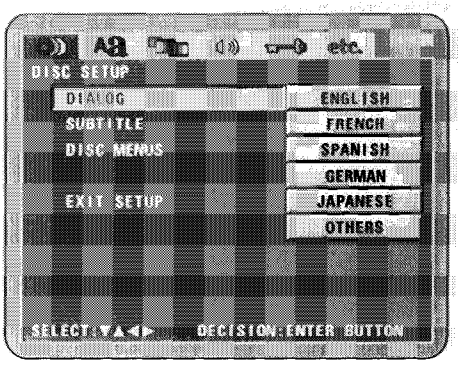
JAPANESE
Select this when you want to play the DVD with the sound in Japanese.

OTHERS
Use the number buttons to input the language number.
(See "Language code list" on page 25.)


Remote control unit



Remote control unit



3

② When "SUBTITLE" is selected:

OFF (Factory default)
Select this if you do not want to display the subtitles. (For some discs it is not possible to turn off the subtitle display.)

ENGLISH
Select this when you want to play the DVD with the subtitles in English.

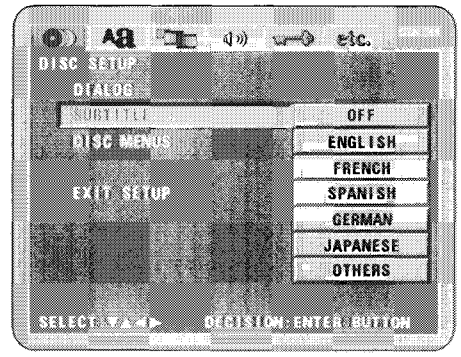
FRENCH
Select this when you want to play the DVD with the subtitles in French.

SPANISH
Select this when you want to play the DVD with the subtitles in Spanish.

GERMAN
Select this when you want to play the DVD with the subtitles in German.

JAPANESE
Select this when you want to play the DVD with the subtitles in Japanese.

OTHERS
Use the number buttons to input the language number.
(See "Language code list" on page 25.)



③ When "DISC MENUS" is selected:

ENGLISH (Factory default)
Select this when you want to display the menus in English.

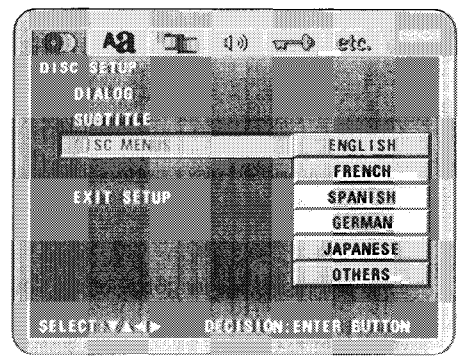
FRENCH
Select this when you want to display the menus in French.

SPANISH
Select this when you want to display the menus in Spanish.

GERMAN
Select this when you want to display the menus in German.

JAPANESE
Select this when you want to display the menus in Japanese.

OTHERS
Use the number buttons to input the language number.
(See "Language code list" on page 25.)

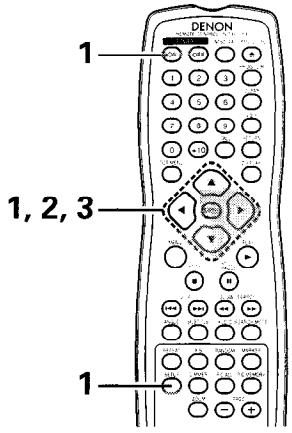


*** To exit the setup mode**
Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

Language code list

Code	Language	Code	Language	Code	Language	Code	Language
6565	Afar	**7079**	Faroese	**7678**	Lingala	**8375**	Slovak
6566	Abkhazian	**7082**	French	**7679**	Laothian	**8376**	Slovenian
6570	Afrikaans	**7089**	Frisian	**7684**	Lithuanian	**8377**	Samoan
6577	Ameharic	**7165**	Irish	**7686**	Latvian, Lettish	**8378**	Shona
6582	Arabic	**7168**	Scots Gaelic	**7771**	Malagasy	**8379**	Somali
6583	Assamese	**7176**	Galician	**7773**	Maori	**8381**	Albanian
6588	Aymara	**7178**	Guarani	**7775**	Macedonish	**8382**	Serbian
6590	Azerbaijani	**7185**	Gujarati	**7776**	Malayalam	**8385**	Sundanese
6665	Bashkir	**7265**	Hausa	**7778**	Mongolian	**8386**	Swedish
6669	Byelorussian	**7273**	Hindi	**7779**	Moldavian	**8387**	Swahili
6671	Bulgarian	**7282**	Croatian	**7782**	Marathi	**8465**	Tamil
6672	Bihari	**7285**	Hungarian	**7783**	Malay	**8469**	Telugu
6678	Bengali; Bangla	**7289**	Armenian	**7784**	Maltese	**8471**	Tajik
6679	Tibetan	**7365**	Interlingua	**7789**	Burmese	**8472**	Thai
6682	Breton	**7378**	Indonesian	**7865**	Nauru	**8473**	Tigrinya
6765	Catalan	**7383**	Icelandic	**7869**	Nepali	**8475**	Turkmen
6779	Corsican	**7384**	Italian	**7876**	Dutch	**8476**	Tagalog
6783	Czech	**7387**	Hebrew	**7879**	Norwegian	**8479**	Tonga
6789	Welsh	**7465**	Japanese	**7982**	Oriya	**8482**	Turkish
6865	Danish	**7473**	Yiddish	**8065**	Panjabi	**8484**	Tatar
6869	German	**7487**	Javanese	**8076**	Polish	**8487**	Twi
6890	Bhutani	**7565**	Georgian	**8083**	Pashto, Pushto	**8575**	Ukrainian
6976	Greek	**7575**	Kazakh	**8084**	Portuguese	**8582**	Urdu
6978	English	**7576**	Greenlandic	**8185**	Quechua	**8590**	Uzbek
6979	Esperanto	**7577**	Cambodian	**8277**	Rhaeto-Romance	**8673**	Vietnamese
6983	Spanish	**7578**	Kannada	**8279**	Romanian	**8679**	Volapük
6984	Estonian	**7579**	Korean	**8285**	Russian	**8779**	Wolof
6985	Basque	**7583**	Kashmiri	**8365**	Sanskrit	**8872**	Xhosa
7065	Persian	**7585**	Kurdish	**8368**	Sindhi	**8979**	Yoruba
7073	Finnish	**7589**	Kirghiz	**8372**	Serbo-Croatian	**9072**	Chinese
7074	Fiji	**7665**	Latin	**8373**	Singhalese	**9085**	Zulu

When "OSD SETUP" is selected



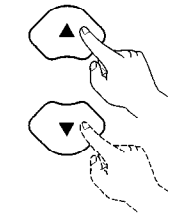
1 See page 21.

2

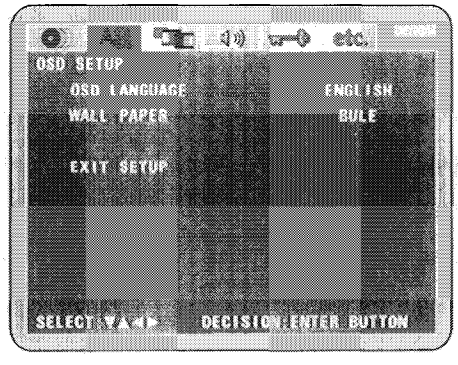
Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

OSD LANGUAGE
Use this to set the language for the default setting screen and messages displayed on the TV screen ("PLAY", etc.)

WALL PAPER
Use this to select the image to be shown on the screen in the stop mode and CD play mode.



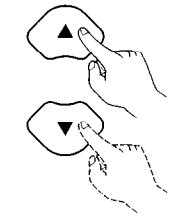
Remote control unit Remote control unit



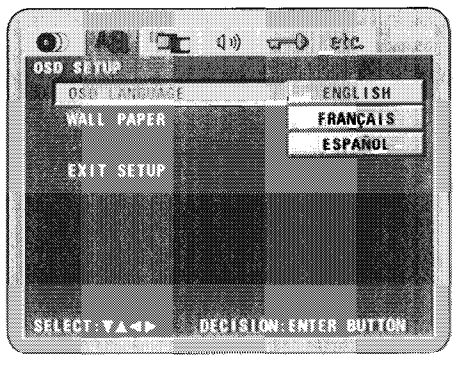
3

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

① When "OSD LANGUAGE" is selected:
ENGLISH (Factory default)
Select this to set the OSD language to English.
FRANÇAIS
Select this to set the OSD language to French.
ESPAÑOL
Select this to set the OSD language to Spanish.



Remote control unit Remote control unit



3

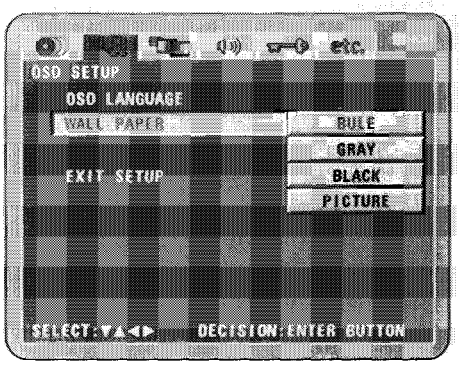
② When "WALL PAPER" is selected:

BLUE (Factory default)
Select this to display a blue background on the TV display.

GRAY
Select this to display a gray background on the TV display.

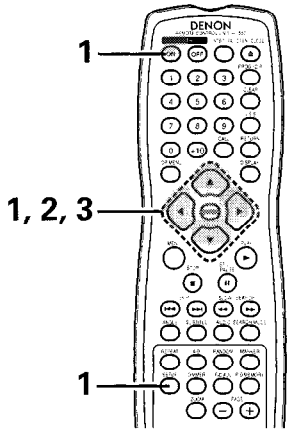
BLACK
Select this to display a black background on the TV display.

PICTURE
Select this to display the wallpaper on the TV display.



✻ **To exit the setup mode**
Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

When "VIDEO SETUP" is selected



1

See page 21.

2

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

TV ASPECT
Use this to set the shape of your TV's screen.

TV TYPE
Use this to set your TV's video format (NTSC, PAL or MULTI).

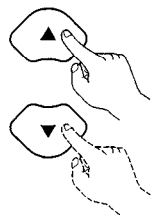
VIDEO OUT
Use this to select either the progressive image output or interlace image output.

VIDEO MODE
The play DVD video, select the desired video mode ("VIDEO", "FILM", "AUTO").

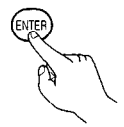
BLACK LEVEL
To select the black level of the picture, "DARKER" or "LIGHTER".

SQUEEZE MODE
Used to play 4:3 images on a wide (16:9) TV.

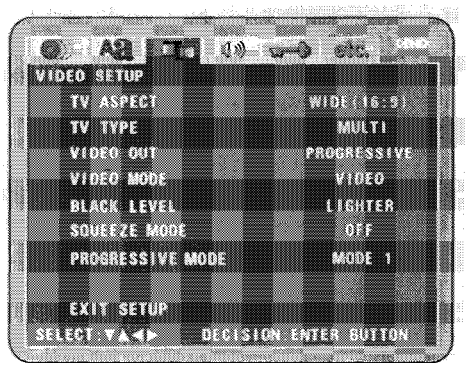
PROGRESSIVE MODE
Select the film source and video source detection method recorded on the DVD.
Normally select "MODE 1" (level detection mode).
(only valid for progressive output during DVD video playback)



Remote control unit



Remote control unit



Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

① When "TV ASPECT" is selected:

4:3 PS

Select this to play wide DVDs in the pan & scan mode (with the sides of the picture cut off). Discs for which pan & scan is not specified are played in the letter box mode.

4:3 LB

Select this to play wide DVDs in the letter box mode (with black strips at the top and bottom).

WIDE (16:9) (Factory default)

Select this to play wide DVDs in the full-screen mode.

② When "TV TYPE" is selected:

NTSC

Select this when your TV's video format is NTSC.
If NTSC is selected, output format is fixed to NTSC.

PAL

Select this when your TV's video format is PAL.
If PAL is selected, output format is fixed to PAL.

MULTI (Factory default)

Select this when your TV is compatible with both the NTSC and PAL formats.
NTSC signals are output from the video output jacks when discs recorded in NTSC format are played, and PAL signals are output from the video output jacks when discs recorded in PAL format are played.

3

③ When "VIDEO OUT" is selected: (NOTES)

PROGRESSIVE (Factory default)

Select this when using the DVD-3800 connected to a progressive type TV.

INTERLACED

Select this when using the DVD-3800 connected to an interlace type TV.

NOTES:

- For the component output only, it is possible to switch between interlace image output and progressive image output. It is not possible to specify progressive image output for the Video output connectors or S-Video output connector.
- When the progressive mode is selected, the interlaced sound and picture may be slightly out of sync. To use the interlaced output, set the setting to "INTERLACED".

④ When "VIDEO MODE" is selected:

VIDEO (Factory default)

This mode is best suited for playing discs containing video material.

FILM

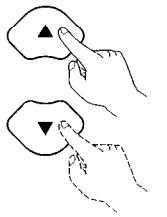
This mode is best suited for playing discs containing film material or video material recorded with the progressive scan method.

AUTO

The set identifies the type of material on the disc being played (film or video) and selects the mode automatically. This mode is suited for playing discs containing both film and video material.

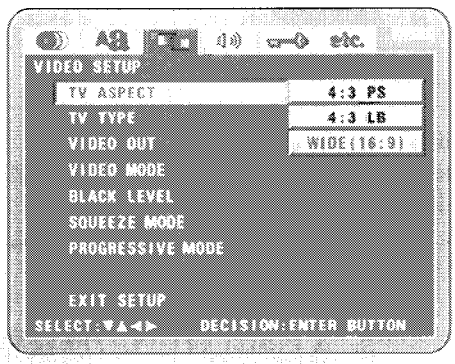
NOTE:

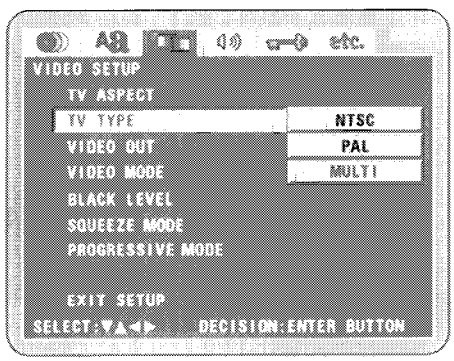
- If stripes of noise appear on the picture or the picture is unclear when playing a specific DVD video disc, try changing the video mode.

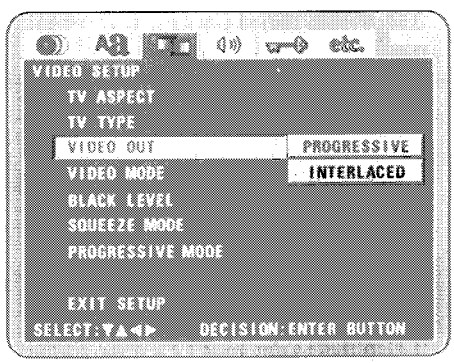


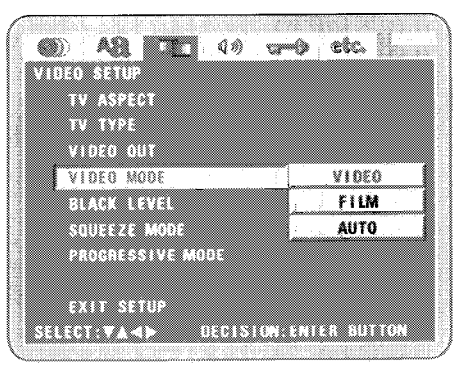
Remote control unit

Remote control unit









3

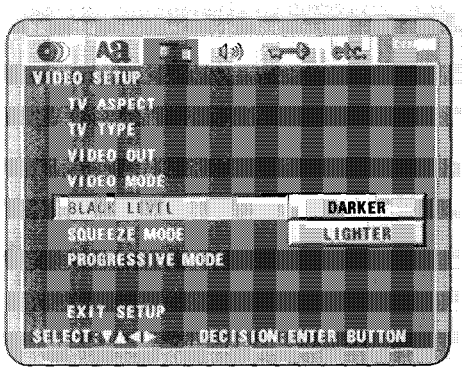
⑤ When "BLACK LEVEL" is selected:

DARKER

Reduces the standard level of the video output signal's black level. Set this if the image on the TV is far too bright.

LIGHTER (Factory default)

Sets the video output signal's black level to the standard level.



⑥ When "SQUEEZE MODE" is selected:

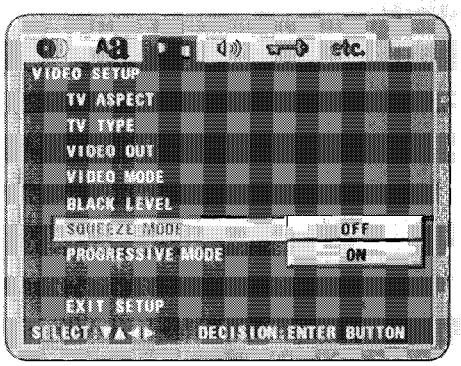
"SQUEEZE MODE" - only effective for progressive output.

OFF (Factory default)

Set this to display 4:3 video signals over the entire screen of a 16:9 TV.

ON

Set this to display 4:3 video signals in the center of the screen on a 16:9 TV.



⑦ When "PROGRESSIVE MODE" is selected:

MODE 1 (level detection mode)

(Factory default)

This is a mode for high precision detection of the source type from the level of the video signals recorded on the DVD.

For DVDs on which the flag (identification signal) data is recorded incorrectly, the picture quality may decrease when flag detection is conducted.

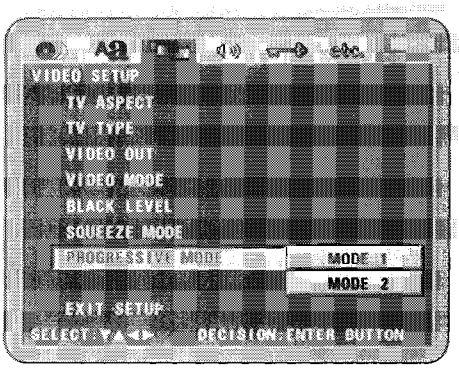
This mode is effective in such cases.

MODE 2 (flag detection mode)

This is a mode for detecting the source type from the source flag (identification signal) recorded on the DVD.

In dark scenes, distinguishing between video signals and noise signals with level detection is difficult and the picture quality may decrease.

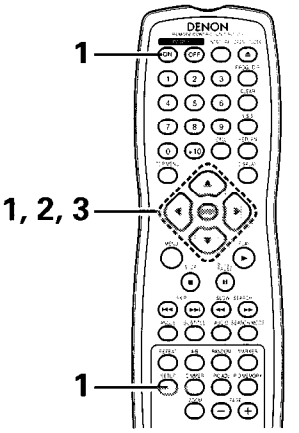
This mode is effective in such cases.



✻ To exit the setup mode

Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

When "AUDIO SETUP" is selected



1

See page 21.

2

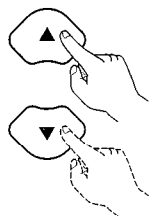
Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

AUDIO CHANNEL
Use this to adjust for the connected speaker systems.

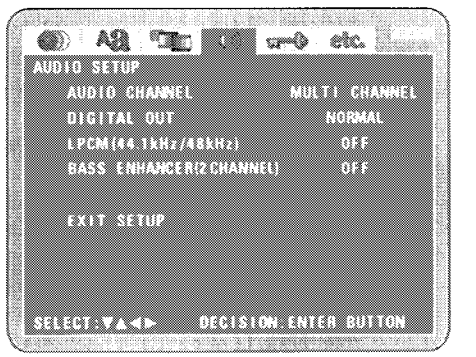
DIGITAL OUT
Use this to select the digital output's signal format.

LPCM (44.1 kHz/48 kHz)
Use this to set the digital audio output when playing DVDs recorded in linear PCM audio.

BASS ENHANCER (2 CHANNEL)
Set whether or not to output audio signals from the subwoofer when playing two-channel audio signals.


Remote control unit

Remote control unit



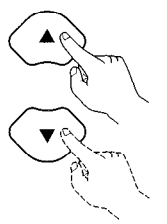
3

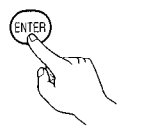
Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

① When "AUDIO CHANNEL" is selected:
◎ Use the ▲ and ▼ cursor buttons to select the item to be set, then press the ENTER button.

MULTI CHANNEL (Factory default)
Select this for systems in which three or more speakers are connected.
When MULTI CHANNEL is set, the speaker settings (SPEAKER CONFIGURATION), speaker output level adjustment (CHANNEL LEVEL) and speaker distances (DELAY TIME) can be set.

2 CHANNEL
Select this for systems in which only two speakers are connected.


Remote control unit



Remote control unit

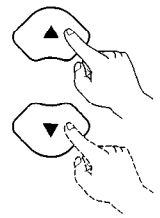
◎ When "MULTI CHANNEL" is selected, use the ▲ and ▼ cursor buttons to select the item to be set, then press the ENTER button.

SPEAKER CONFIGURATION
Use this to select the types of the different speakers.

CHANNEL LEVEL
Use this to adjust the output level of the different speakers.

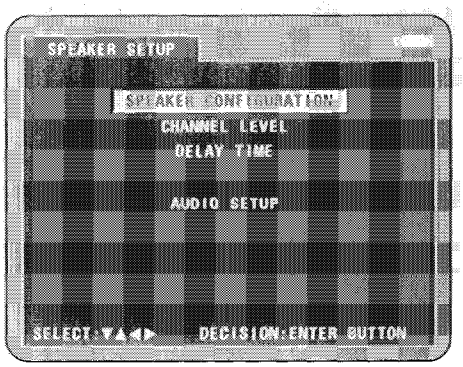
DELAY TIME
Use this to set the distance from the different speakers to the listening position.

✻ To exit the SPEAKER SETUP mode
Use the ▼ cursor button to select "AUDIO SETUP" then press ENTER button.



Remote control unit

Remote control unit



◎ When "SPEAKER CONFIGURATION" is selected, use the ▲ and ▼ cursor buttons to select the speaker to be set then press the ENTER button.

- The type of speaker used for the front speakers, center speaker, subwoofer and surround speakers can be set. Use the ▲ and ▼ cursor buttons to select the speaker type, then press the ENTER button.

LARGE
Select this when a large speaker is connected.

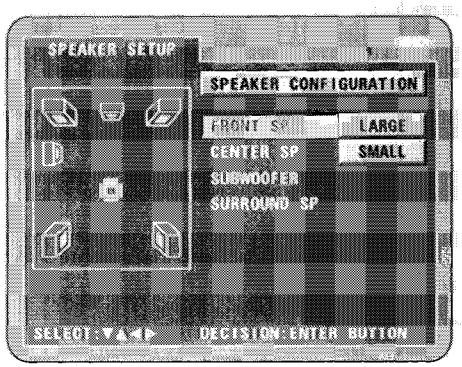
SMALL
Select this when a small speaker is connected.

NONE
Select this when no speaker is connected.

YES
Select this when a subwoofer is connected.

NO
Select this when no subwoofer is connected.

✻ Press the RETURN button to return to the "SPEAKER SETUP" menu.

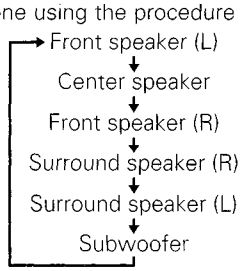


3

◎ When "CHANNEL LEVEL" is selected, use the ▲ and ▼ cursor buttons to select the speaker to be adjusted, then use the ◀ and ▶ cursor buttons to set the level.

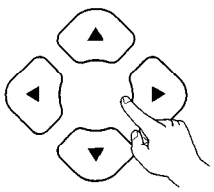
TEST TONE

- Use the ◀ and ▶ cursor buttons to select off, 2 seconds, 5 seconds or 10 seconds for the test tone, then output the test tone using the procedure described below.

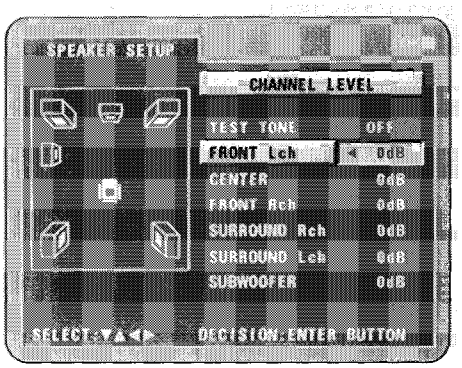


- The volume level output from the front speakers (left and right channels), center speaker, surround speakers (left and right channels) and subwoofer can be adjusted.
- The volume level can be adjusted between 0 and -10 dB in steps of 1 dB.

✻ Press the RETURN button to return to the "SPEAKER SETUP" menu.



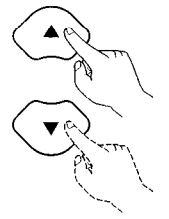
Remote control unit



3

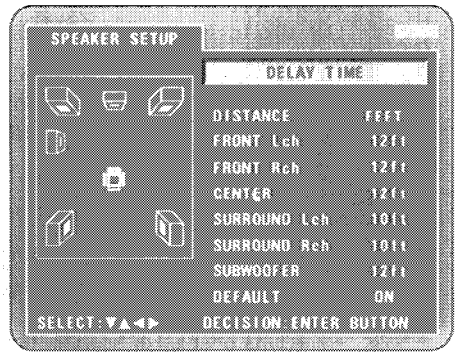
◎ When "DELAY TIME" is selected
With 5.1-channel surround sound, ideally the distance between the listening position and all the speakers aside from the subwoofer should be the same. The delay time setting can be used to make the sound from the different speakers reach the listening position at the same time.

Use the ▲ and ▼ cursor buttons to select the setting item, then press the ENTER button.

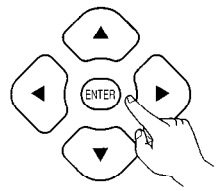


Remote control unit

Remote control unit

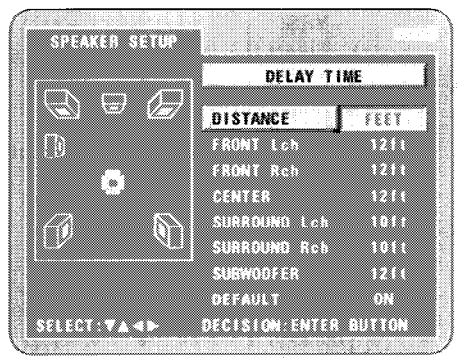


- When "DISTANCE" is selected:
  METERS (when the ◀ cursor button is pressed):
  The unit of distance is set to meters ("m").
  FEET (when the ▶ cursor button is pressed):
  The unit of distance is set to feet ("ft").

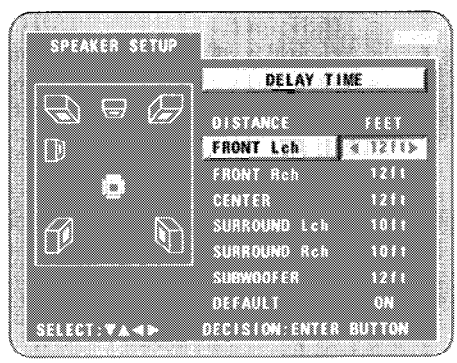


Remote control unit

- When "FRONT Lch", "FRONT Rch", "CENTER", "SURROUND Lch", "SURROUND Rch", "SUBWOOFER" is selected:
  Use the ◀ and ▶ cursor buttons to set the distance from the listening position to the different speakers.
  ✻ The distance can be set within the range of 0 to 60 feet (18 meters).
  ✻ The maximum difference in speaker distance for which adjustment is possible is 15 feet (4.5 meters).



- When "DEFAULT" is selected:
  When "DEFAULT" is selected and the ENTER button is pressed, all the items are restored to their factory default settings.



✻ When digital connections are made with an AV amplifier, make the speaker settings on the AV amplifier.
For DVD audio discs, the disc's settings are given priority, so the sound may not be produced as set with the above speaker mode setting.

✻ Press the RETURN button to return to the "SPEAKER SETUP" menu.

3

② When "DIGITAL OUT" is selected:

NORMAL (Factory default)

When playing DVDs recorded in Dolby Digital or DTS, bitstream signals are output from the digital audio output terminals. When playing DVDs recorded in linear PCM or packed PCM, linear PCM signals are output.

Select "NORMAL" when making digital connections to an AV amplifier with built-in Dolby Digital and DTS decoder.

PCM

When playing Dolby Digital/DTS bitstream signals or DVDs recorded in linear PCM or packed PCM, the signals are converted into 48 kHz/16-bit PCM (2-channel) signals and output from the digital outputs. When playing DVDs recorded in PCM, linear PCM signals are output.

③ When "LPCM (44.1 kHz/ 48 kHz)" is selected:

OFF (Factory default)

When playing linear PCM or packed PCM DVDs that are not copyright-protected, for 2-channel PCM audio signals up to 96 kHz, linear PCM signals are output as such without being converted from the digital outputs. (176.2 kHz and 192 kHz signals are converted to 88.2 kHz and 96 kHz, respectively.)

For DVDs containing multi-channel PCM signals, the digital signals are down-mixed for output into two channels, front left and right. (Only the front left and right channels are output for sources for which down-mixing is prohibited.)

When playing copyright-protected linear PCM or packed PCM DVDs, in consideration of copyrights, no digital signals are output for sources exceeding 48 kHz/16 bits. When playing such sources, either set to "ON" or make analog connections. (See page 14.)

ON

Linear PCM and packed PCM signals are converted to 44.1 kHz or 48 kHz and output. (The PCM digital audio output signals are converted to 48 kHz or less in consideration of copyrights.) When making digital connections to an AV amplifier that is not compatible with 96 kHz/88.2 kHz signals, set to "ON".

When playing DVDs recorded in linear PCM or packed PCM and the unit is set to output digital and analog audio signals simultaneously, the analog audio output signals are also converted to 48 kHz or below, so we recommend setting to "OFF" and also making analog connections. (See page 14.)

④ When "BASS ENHANCER (2 CHANNEL)" is selected:

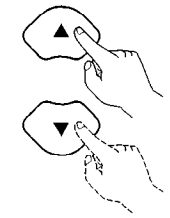
OFF (Factory default)

No sound is produced from the subwoofer.

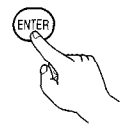
ON

Sound is produced from the subwoofer.

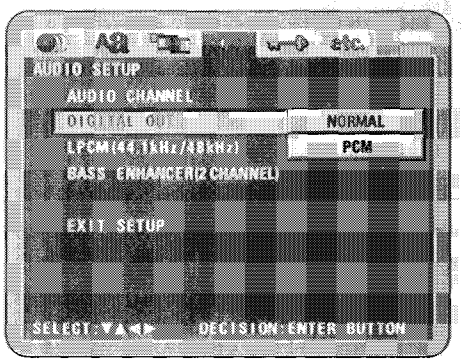
In this case, set the subwoofer to "YES" at the speaker settings.

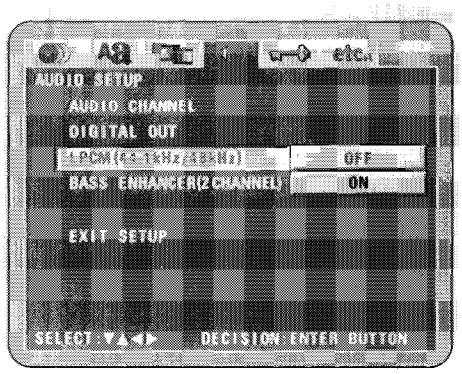


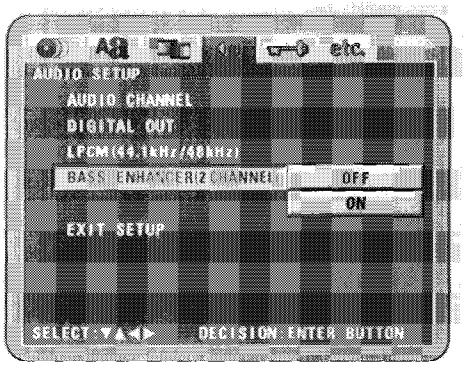
Remote control unit



Remote control unit



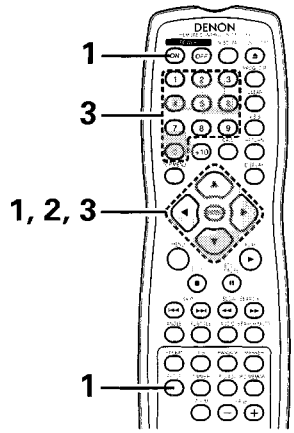




*** To exit the setup mode**

Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

When "RATINGS" is selected



1

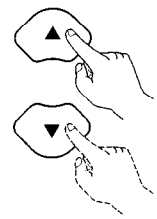
See page 21.

2

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

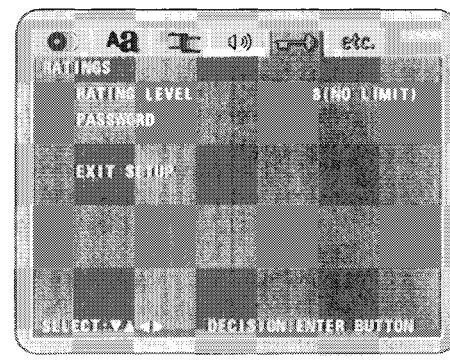
RATING LEVEL
Use this to restrict playback of adult DVDs you do not want children to view. Note that even with adult DVDs, viewing cannot be restricted unless the restriction level is recorded on the disc.
It is however possible to disable playback of all DVDs.

PASSWORD
Use this to change the password.
The set's password is set to "0000" by default.



Remote control unit

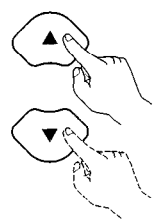
Remote control unit



3

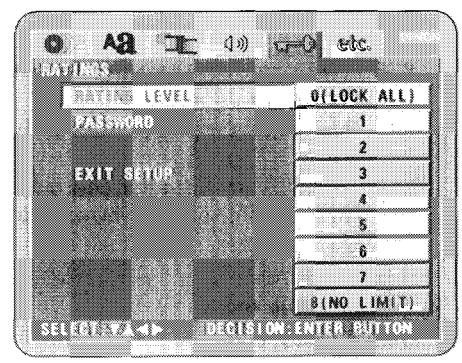
Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

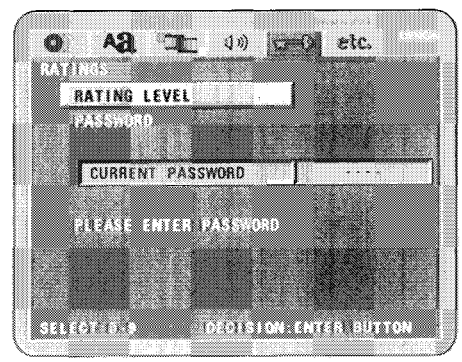
① When "RATING LEVEL" is selected:
0 (LOCK ALL)
Select this to disable playback of all DVDs.
Use this for example to disable playback of adult DVDs on which the rating level is not recorded.
1
Select this to play only DVDs for children. (Adult and general audience DVDs cannot be played.)
2 to 7
Select this to play DVDs for general audiences and children. Adult DVDs cannot be played.
8 (NO LIMIT) (Factory default)
Select this to play all DVDs.



Remote control unit

Remote control unit

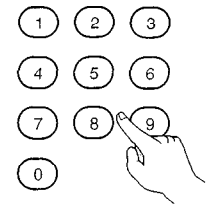




3

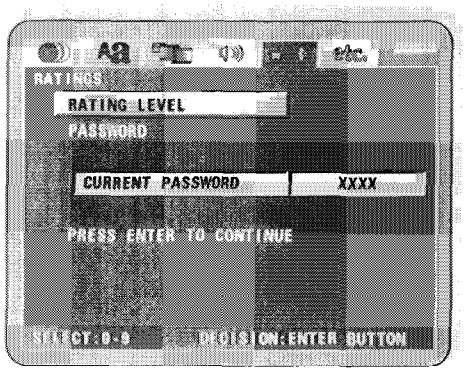
Use the number buttons to input a 4-digit password, then press the ENTER button.

* The set's password is set to "0000" by default.
* Do not forget the password.
* The setting cannot be changed without inputting the correct password.



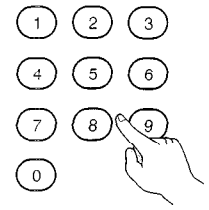
Remote control unit

Remote control unit



② When "PASSWORD" is selected:
Use the number buttons to input a 4-digit password, then press the ENTER button.

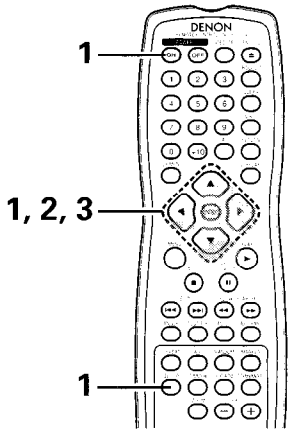
* Do not forget the password.
* The setting cannot be changed without inputting the correct password.
* The set's password is set to "0000" by default.



Remote control unit

Remote control unit

When "OTHER SETUP" is selected



1

See page 21.

2

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

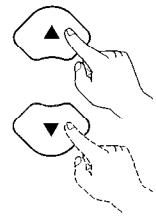
PLAYER MODE
The DVD video play mode can be set to play the DVD video contents included on a DVD audio disc.

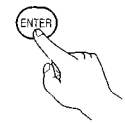
CAPTIONS
Use this to set whether or not to display the closed captions recorded on DVDs.

COMPRESSION
Use this to set the dynamic range output when playing discs.

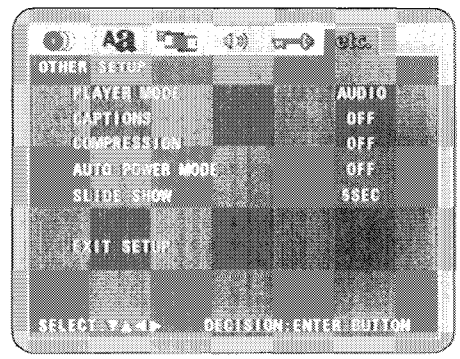
AUTO POWER MODE
To save power, DVD-3800's can automatically be set to the standby mode when it is not used for long periods of time.

SLIDE SHOW
The time interval for switching to the next still picture when playing slide shows of still pictures (in JPEG format) can be set.


Remote control unit



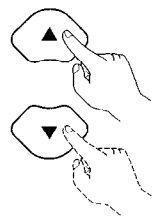
Remote control unit



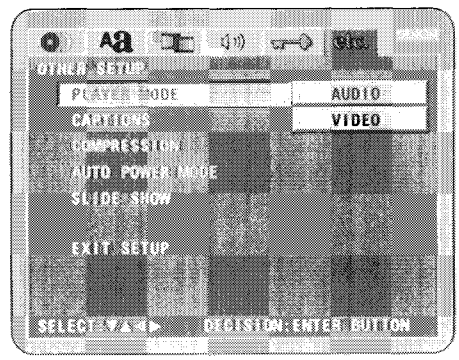
3

Use the ▲ and ▼ cursor buttons to select the desired setting, then press the ENTER button.

① When "PLAYER MODE" is selected:
AUDIO (Factory default)
Set this to play the DVD audio signals as such.
VIDEO
Set this to play the DVD video contents included on a DVD audio disc.


Remote control unit

Remote control unit



3

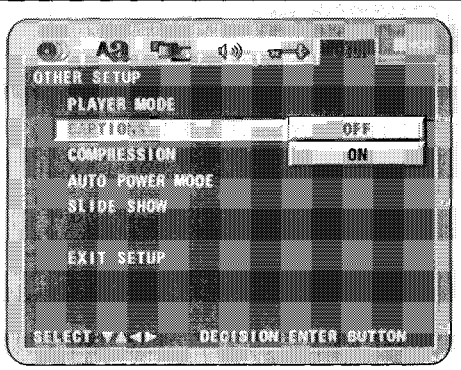
② When "CAPTIONS" is selected:

OFF (Factory default)

Select this when you do not want to display the captions on the screen when playing DVDs containing English captions

ON

Select this to display the captions on the screen when playing DVDs containing English captions.



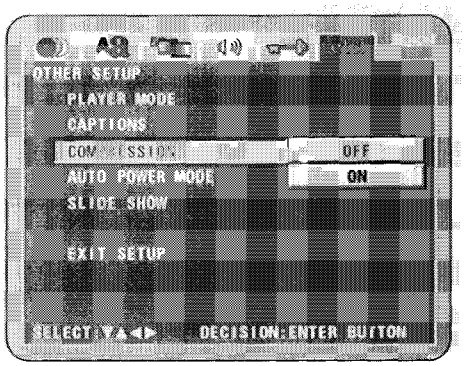
③ When "COMPRESSION" is selected:

OFF (Factory default)

Select this for the standard range.

ON

Select this to achieve powerful sound even when the volume is low. This setting is suited for watching DVDs late at night with the volume low. (This setting is only valid for DVDs recorded in Dolby Digital.)



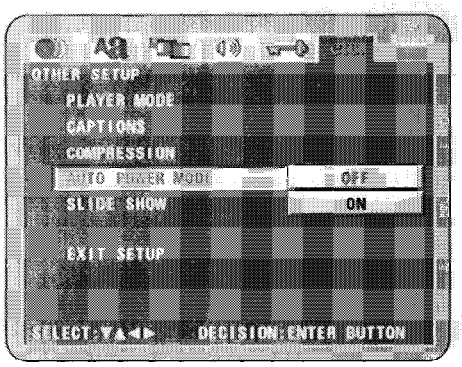
④ When "AUTO POWER MODE" is selected:

OFF (Factory default)

The power does not automatically switch to the standby mode.

ON

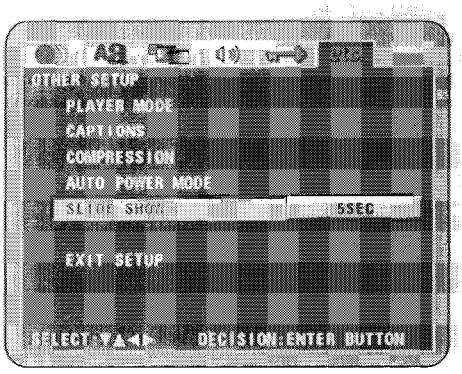
The DVD-3800's power turns off and the standby mode is set if the DVD-3800 remains in the stop mode for approximately 30 minutes.



⑤ When "SLIDE SHOW" is selected:

Use the ▲ and ▼ cursor buttons to set the time interval.

The time interval can be set within 5 and 15 seconds. (The factory default setting is 5 seconds.)



✻ To exit the setup mode

Use the ▼ cursor button to select "EXIT SETUP", then press the ENTER button. It is also possible to quit by pressing the SETUP button on the remote control unit.

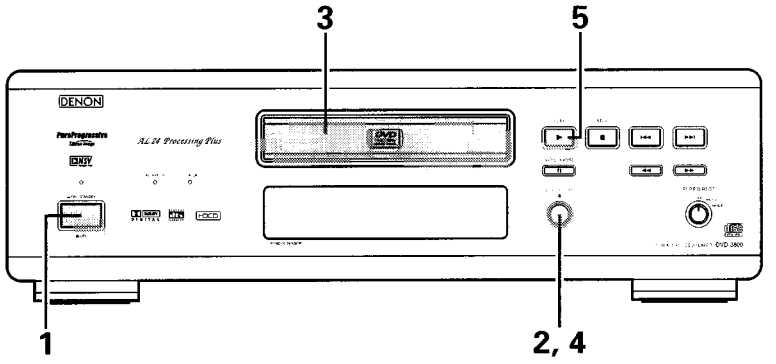
NOTES:

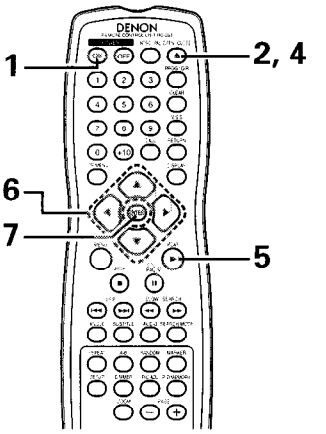
- An English caption decoder is required to display English captions.
- DVDs with caption signals are indicated by the , , CC , mark

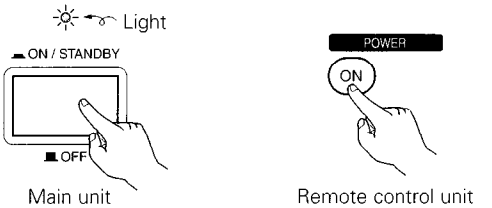
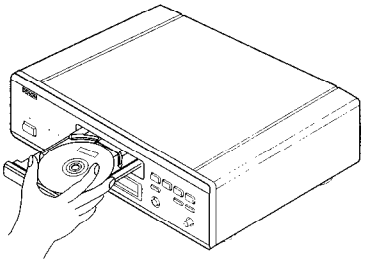
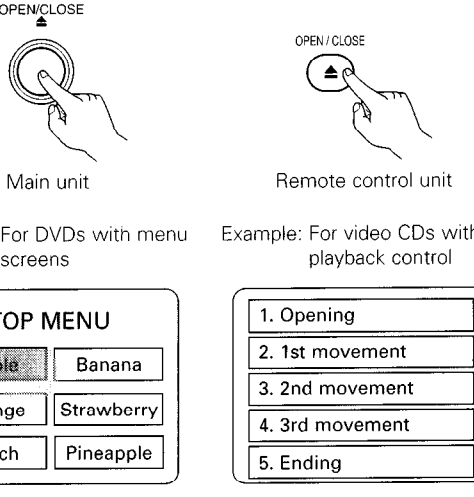
  English captions cannot be displayed when playing DVDs which do not contain caption signals.
- The characters in which the captions are displayed (capital letters, small letters, italics, etc.) depend on the DVD and cannot be selected with the DVD-3800.

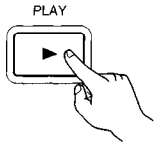
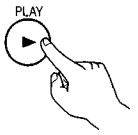
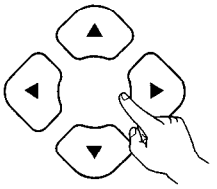
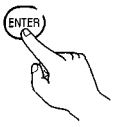
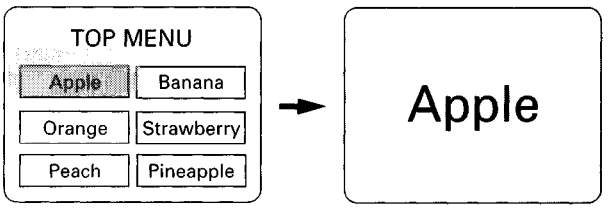
9 PLAYBACK

(1) Playback



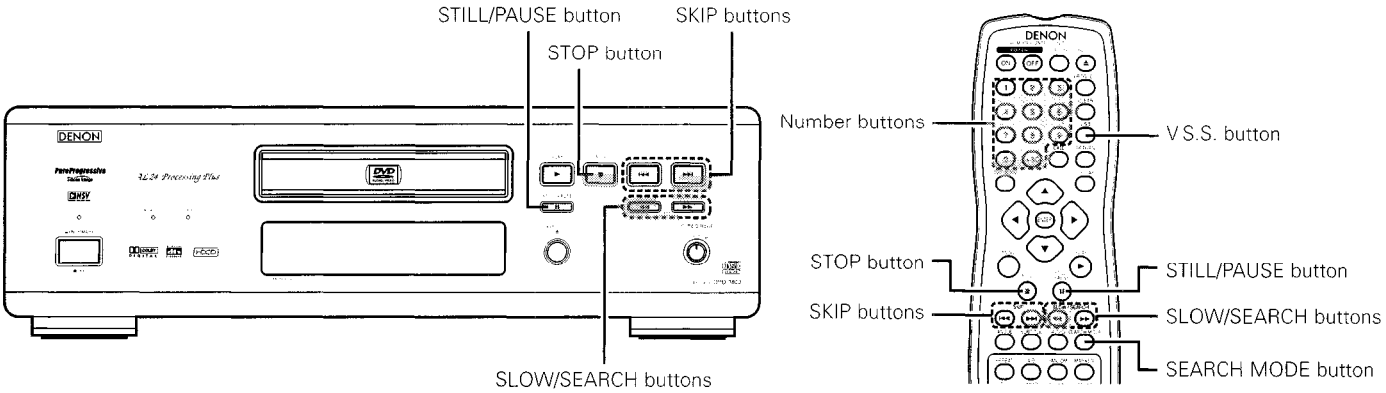


1	Turn on the power. • Press the power button, the power indicator lights and the power turns on. • When standby mode, press the POWER ON button of remote control unit.	
2	Press the OPEN/CLOSE button to open the disc tray.	
3	Set the disc in the disc tray.	
4	Press the OPEN/CLOSE button. • For many interactive DVDs and video CDs with playback control, a menu screen appears. In this case use the procedure in step 6 to select the desired item. * Interactive DVDs are DVDs including multiple angles, stories, etc.	

5	Press the PLAY button.	 Main unit  Remote control unit
6	Use the cursor buttons (▲, ▼, ◄ and ►) to select the desired item. • For some discs there is a second menu screen. If so, press the ►►I button to display the next menu screen. (See the disc's jacket.) * The cursor buttons (▲, ▼, ◄ and ►) do not work for video CDs. Use the number buttons to select the desired item.	 Remote control unit
7	Press the ENTER button. • The desired item is selected and playback starts. • You can return to the menu screen by pressing the TOP MENU/MENU button while the DVD is playing, though this depends on the disc. • Press the RETURN button during playback of a video CD to return to the menu screen.	 Remote control unit Example: When "Apple" is selected 

NOTES:

- If 🚫 appears on the TV screen while buttons are being operated, that operation is not possible on the DVD-3800 or with that disc.
- Set the disc in the disc guide.
- Do not place more than one disc in the disc tray.
- The disc keeps turning while the menu screen is displayed on the TV screen.



(2) Stopping Playback

During playback, press the STOP button on the main unit or the remote control unit, playback stops and wall paper is displayed.

<Resume play memory function (DVD only)>

- With the DVD-3800, when the STOP button is pressed, that position is stored in the memory. At this time, "►" flashes on the display. When the PLAY button is pressed after pressing the STOP button, playback resumes from the position at which it was stopped.The resume play memory function is cancelled if the disc tray is opened or the STOP button is pressed a second time.
- If you do not want to continue playing the disc, to save electricity either press the POWER button on the main to turn the power off or press the POWER OFF button on the remote control unit to set the power to the standby mode.

✻ The resume play memory function only works for discs for which the elapsed time is shown on the display during playback.

(3) Playing Still Pictures (Pausing)

During playback, press the STILL/PAUSE button on the main unit or the remote control unit.

- Press the PLAY button to resume normal playback.

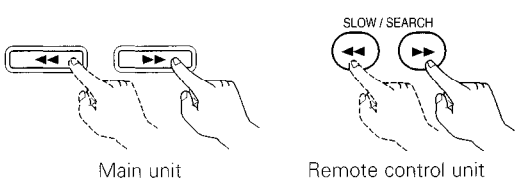
(4) Forward/Reverse Searching

During playback, press one of the SLOW/SEARCH buttons on the main unit or the remote control unit.

◄◄ : Reverse direction

►► : Forward direction

- When pressed again, the search speed increases (in four steps).
- Variable in 4 steps for CDs, 7 steps for DVD audio (movie part), DVD video and video CD discs.
- Press the PLAY button to resume normal playback.



NOTE:

- In some cases the menu screen may reappear when one of the SLOW/SEARCH buttons is pressed during menu playback on a video CD.

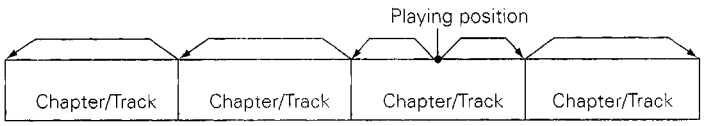
(5) Skipping to the Beginning of Chapters or Tracks

Cueing using the SKIP button

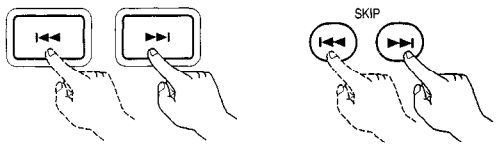
During playback, press one of the skip buttons on the main unit or the remote control unit.

I◄◄ : Reverse direction (PREVIOUS)
►►I : Forward direction (NEXT)

- A number of chapters or tracks equal to the number of times the button is pressed is skipped.
- When the skip back button is pressed once, the pickup returns to the beginning of the currently playing chapter or track.



Reverse direction ← → Forward direction (direction of playback)



Main unit Remote control unit

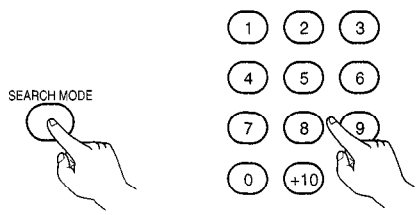
NOTE:

- In some cases the menu screen may reappear when one of the SKIP buttons is pressed during menu playback on a video CD.

Cueing using the number buttons

Press the SEARCH MODE button during playback.

- The search mode switches each time the button is pressed.
  For DVD audio discs : Group → Track → (Group) →
  For DVD video discs : Title → Chapter → (Title) →
  For CDs and video CDs : Track only
  * The search mode set by pressing the SEARCH MODE button is stored in the memory until the button is pressed again.
  However, the search mode returns to the default mode when the power is turned off.
- Use the number buttons to input the number to be played.



Remote control unit Remote control unit

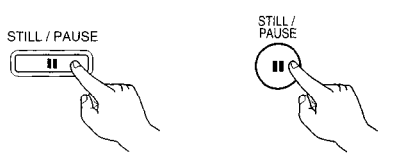
NOTE:

- Some DVD audio, DVD video and video CD discs do not operate as described in this manual due to the intentions of the discs' producers.

(6) Playing Frame by Frame (for DVDs and video CDs only)

During playback, press the STILL/PAUSE button on the main unit or the remote control unit.

- The picture moves forward one frame each time the button is pressed.
- Press the PLAY button to resume normal playback.
- With DVD audio discs, forward frame-by-frame skipping is only possible for the video part.



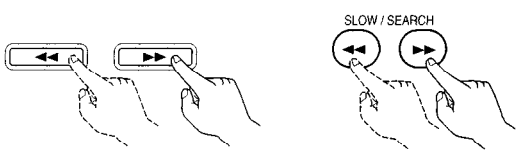
Main unit Remote control unit

(7) Slow Playback (for DVDs and video CDs only)

In the still mode, press one of the SLOW/SEARCH buttons on the main unit or the remote control unit

◄◄ : Reverse direction
►► : Forward direction

- When pressed again, the slow play speed increases.
- Press the PLAY button to resume normal playback.
- With DVD audio discs, the forward slow play function can only be used with the video part.



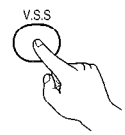
Main unit Remote control unit

NOTE:

- Reverse slow play is not possible on video CDs.

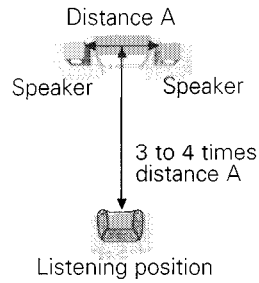
(8) Using the V.S.S. (Virtual Surround Sound) function (only for DVDs)

■ Using the V.S.S. (Virtual Surround Sound) function gives the sound a sense of expansion and allows you to achieve surround effects even when only front speakers (left and right) are used. For discs with surround signals, the V.S.S. function not only gives the sound expansion, it also makes it seem as if sound is coming from the sides, even though there are no speakers there.

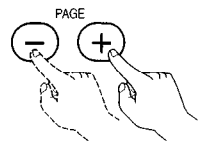
During playback, press the V.S.S. button on the remote control unit.	 Remote control unit

NOTES:

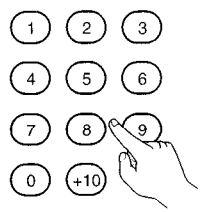
- This function only works with DVDs containing two or more channels of Dolby Digital signals.
- The V.S.S. function does not work at the time of multi-channel setting.
  Set "AUDIO CHANNEL" under "AUDIO SETUP" at "SETUP" to "2 CHANNEL".
- Note that for some discs the effect will be weak or there will be no effect.
- For some discs the sound may be distorted. If so turn the V.S.S. function off.
- Turn off other surround functions (the TV's surround mode, etc.).
- The effect is best when listening at a distance from the TV equal to 3 to 4 times the distance of the left and right speakers (distance A).



(9) Selecting the still image

During playback, press the PAGE + or PAGE - button on the remote control unit. • For DVD audio discs with still images, the desired image can be selected. • On some discs the image cannot be selected due to the intentions of the discs' producers.	 Remote control unit

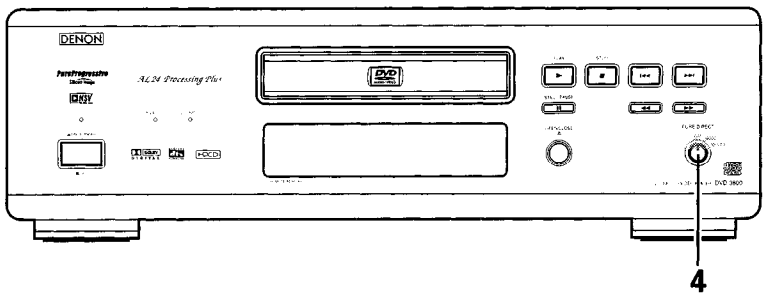
(10) Playing bonus groups

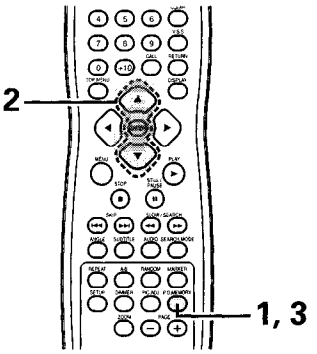
1	In the stop mode, press the SEARCH MODE button on the remote control unit to set the search mode to "GROUP".	Remote control unit
2	Use the number buttons to input the bonus group number.	 Remote control unit
3	Use the number buttons on the remote control unit to input the password (4 digits), then press the ENTER button. • Playback starts from the first track in the specified group.	Remote control unit

- In some cases the password must be input at the menu screen. In these cases, follow the instructions on the screen.
- Once the password is input, the disc can be played as many times as you want until it is removed.
- If you make a mistake when inputting the password, press the CLEAR button on the remote control unit.

10 USING THE PURE DIRECT MODE

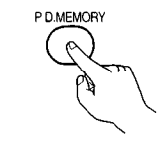
■ In the pure direct mode, only analog audio signals (no video signals, etc.) are output, thereby achieving high quality sound.



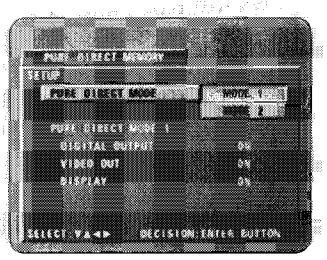


1

Press the P.D.MEMORY button on the remote control unit.
- The output status of the video signals, etc., can be stored at MODE1 and MODE2 as desired.



Remote control unit



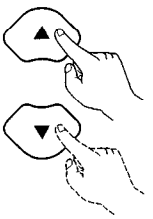
2

Use the ▲ and ▼ cursor buttons to select the mode, then press the ENTER button.

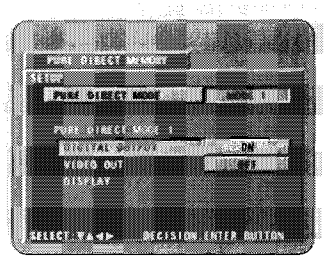
DIGITAL OUTPUT
ON: Digital audio signals are output.
OFF: Digital audio signals are not output.

VIDEO OUT
ON: Video signals are output.
OFF: Video signals are not output.

DISPLAY
ON: It is indicate in Display of the main unit.
OFF: It is not indicate in Display of the main unit.



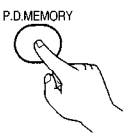
Remote control unit



Remote control unit

3

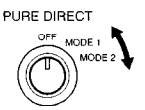
Press the P.D.MEMORY button on the remote control unit.
- All of the settings are stored in the memory.



Remote control unit

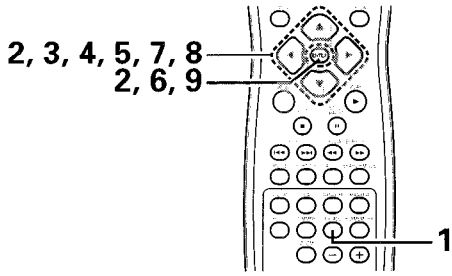
4

Switch the PURE DIRECT switch on the main unit.
OFF: All signals are output normally.
MODE 1: The settings stored for MODE 1 are used.
The factory default settings are:
"DIGITAL OUT": "ON"
"VIDEO OUT": "ON"
"DISPLAY": "ON"
MODE 2: The settings stored for MODE 2 are used.
The factory default settings are:
"DIGITAL OUT": "ON"
"VIDEO OUT": "ON"
"DISPLAY": "ON"



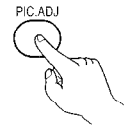
Main unit

11 ADJUSTING THE PICTURE QUALITY



1

Press the PIC.ADJ button during playback.



Remote control unit

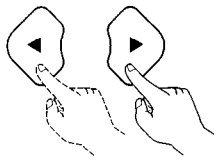
2

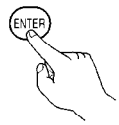
Use the ◄ and ► cursor buttons to select the picture memory, then press the ENTER button.

- The display switches as follows:
  STD (STANDARD) ↔ M1 (MEMORY 1) ↔ M2 ↔ M3 ↔ M4 ↔ M5

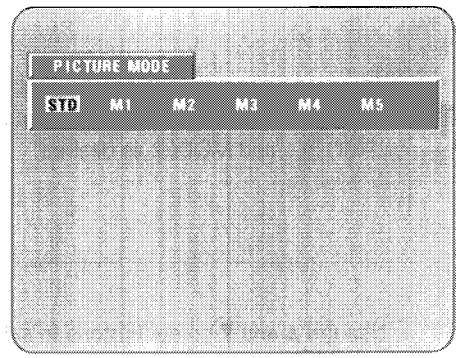
STD (Factory default)
When this is selected, both the picture quality and function are reset to factory setting.

M1 to M5
Picture quality settings you have adjusted can be stored here.


Remote control unit



Remote control unit



3

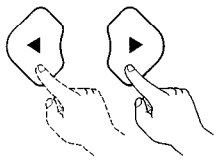
Select the item to change using ◄ and ► buttons.

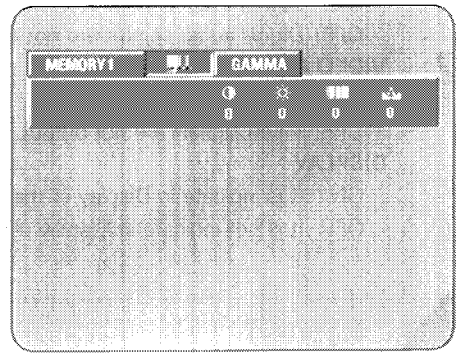
ADJUST MODE

- The contrast , brightness , sharpness and color (HUE) can be adjusted.
- Perform steps **4** and **5** to adjust the picture quality (ADJUST MODE).

GAMMA

- Select this if dark portions of the picture are too dark or bright portions are too bright.
- Perform steps **7** and **8** to adjust the gamma correction (GAMMA).


Remote control unit



4

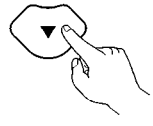
Press the ▼ cursor button to select the adjust mode, then use the ◄ and ► cursor buttons to select the image quality adjustment item.

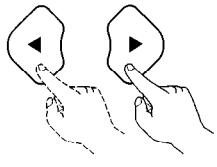
CONTRAST **(-6 ~ +6)**
Adjusts the contrast of the image.

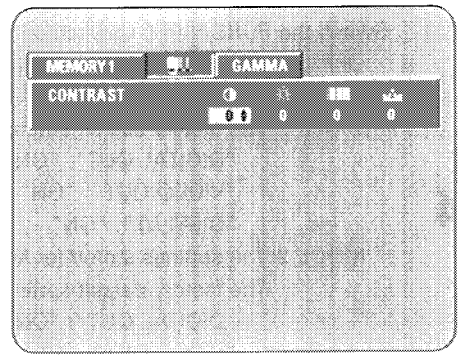
BRIGHTNESS **(0 ~ +12)**
Adjusts the picture's brightness.

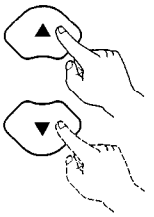
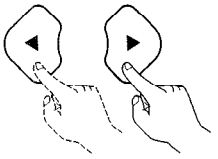
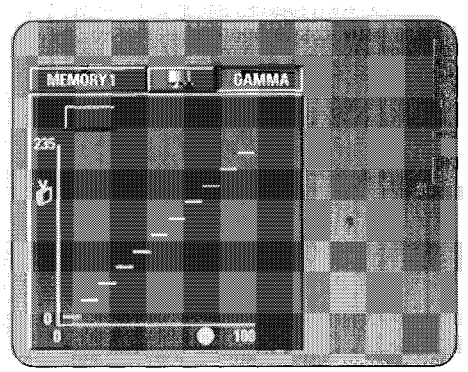
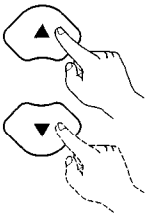
SHARPNESS **(-6 ~ +6)**
Adjusts the sharpness of the picture.

HUE **(-6 ~ +6)**
Adjusts the balance of the green and red. (This does not affect Progressive Scan images.)


Remote control unit


Remote control unit

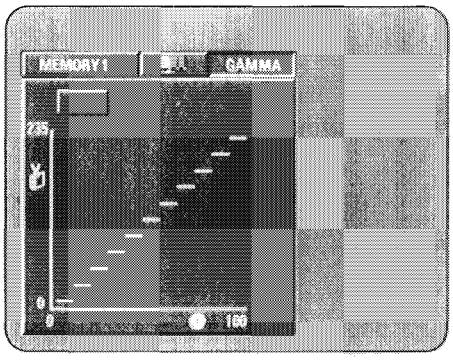


5	Use the ▲ and ▼ cursor buttons to set the adjustment value.	 Remote control unit
6	Press the ENTER button. • All the adjustments are stored in the memory.	Remote control unit
7	Use the ◄ and ► cursor buttons to select the point to be set.	 Remote control unit 
8	Use the ▲ and ▼ cursor buttons to adjust the brightness level of the selected point. (See "Reference" on page 48.) • The level decreases (the picture gets darker) when the ▼ cursor button is pressed and increases (the picture gets brighter) when the ▲ cursor button is pressed. • Values from 16 to 235 can be set. It is not possible to set in such a way that the level of dark sections exceeds that of bright sections. **NOTE:** • When the CLEAR button is pressed during gamma correction, all the setting points are set back to the standard level. • Progressive images only effective for the first, third and fifth points from the left.	 Remote control unit
9	Press the ENTER button. • All the adjustments are stored in the memory.	Remote control unit

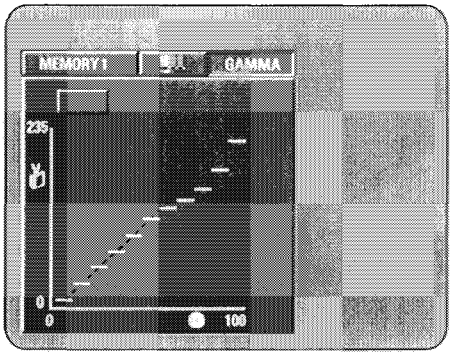
✻ To exit the picture adjust mode
Press the PIC.ADJ button.

REFERENCE:

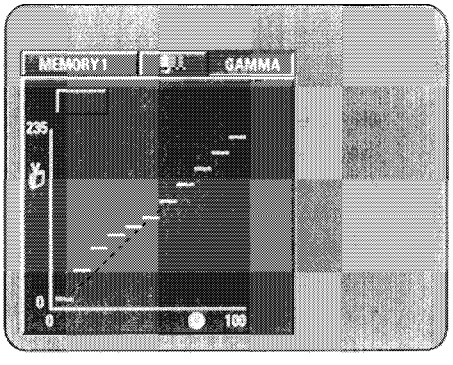
(1) On the gamma correction display, the horizontal axis indicates the brightness level of the image as recorded on the disc, while the vertical axis indicates the brightness level of the image when output from the set.



(2) When a bright point on the disc side is adjusted to "dark" on the output side as shown in the diagram at the right, normally the details of bright sections that are hard to see become easier to see.

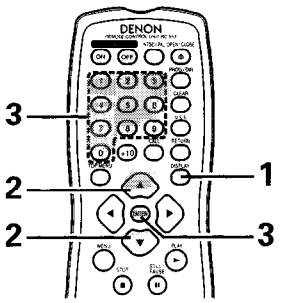


(3) When a bright point on the disc side is adjusted to "bright" on the output side as shown in the diagram at the right, normally the details of dark sections that are hard to see become clearer.



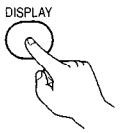
12 USING THE ON-SCREEN DISPLAY

■ Use this function to display and change information on the disc (titles, chapters, time, etc.)



1

In the play mode, press the DISPLAY button.
- The On-Screen Display appears.
- The picture on the TV screen switches each time the button is pressed.
- The items displayed differ from disc to disc.



Remote control unit

Example: For DVD audio discs

- Normal playback screen
- Disc information screen

GROUP 01/02 TRACK 01 /10
GROUP ELAPSED 0 : 00 : 01

GROUP REMAIN 0 : 57 : 59

TRACK ELAPSED 0 : 00 : 01

TRACK REMAIN 0 : 05 : 59

- Disc information screen

AUDIO 1/1 : LPCM 2 ch/ 96 kHz/24BIT

Example: For DVD video discs

- Normal playback screen
- Disc information screen

TITLE 01/10 CHAPTER 01 /10
TITLE ELAPSED 00 : 00 : 01

TITLE REMAIN 01 : 10 : 59

CHAPTER ELAPSED 00 : 00 : 01

CHAPTER REMAIN 00 : 40 : 59

- Disc information screen

AUDIO 1/2 : DOLBY D3/2.1 ENGLISH
SUBTITLE OFF

Example: For video and music CDs

- Normal playback screen
- Disc information screen

TRACK 01/10
SINGLE ELAPSED 26 : 11

SINGLE REMAIN 03 : 17

TOTAL ELAPSED 06 : 15

TOTAL REMAIN 32 : 05

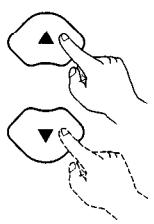
2

Use the ▲ and ▼ cursor buttons to select the item you wish to change.
- The selected item is displayed with a yellow frame.

① For DVD audio discs
The elapsed time, etc., of groups and tracks can be selected.

② For DVD video discs
The elapsed time, etc., of titles and chapters can be selected.

③ For video and music CDs
The elapsed time, etc., of tracks can be selected.

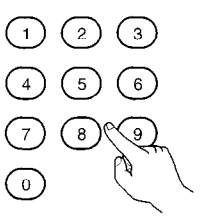


Remote control unit

3

① Changing the elapsed time
Input using the number buttons, then press the ENTER button.
Example: For 1 minute 26 seconds → "00126"

② Changing the title, track or chapter
- For DVDs
  Input using the number buttons, then press the ENTER button.
  (For some discs it is not possible to change the title or chapter.)
- For video and music CDs
  Input using the number buttons. Playback starts from that track.



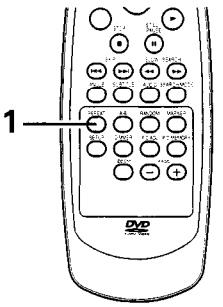
Remote control unit

Remote control unit

13 PLAYING REPEATEDLY

■ Use this function to play your favorite audio or video sections repeatedly.

Playing Repeatedly (Repeat Playback)



1

In the play mode, press the REPEAT button.

- The display on the TV screen switches each time the button is pressed, and the corresponding repeat play or stop mode is set.

Remote control unit

① For DVD audio discs

- Normal playback
- Track repeated

TRACK REPEAT

- Group repeated

GROUP REPEAT

- Repeat playback cancelled

REPEAT OFF

② For DVD video discs

- Normal playback
- Chapter repeated

CHAPTER REPEAT

- Title repeated

TITLE REPEAT

- Repeat playback cancelled

REPEAT OFF

③ For video and music CDs

- Normal playback
- Track repeated

TRACK REPEAT

- Entire disc repeated

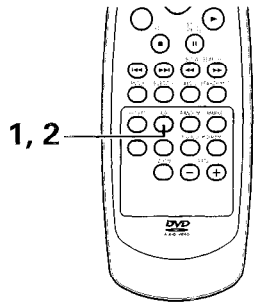
DISC REPEAT

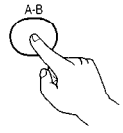
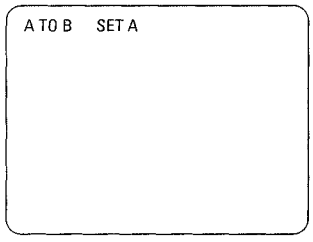
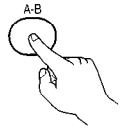
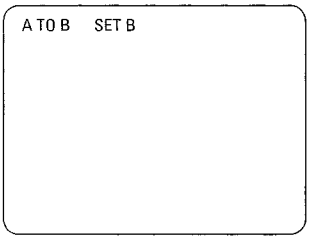
- Repeat playback cancelled

REPEAT OFF

* To return to normal playback:
Return to normal playback by pressing the button REPEAT button until "REPEAT OFF" appears on the TV screen.

Playing a Certain Section Repeatedly (A-B Repeat Playback)



1	During playback, press the A-B button. • This sets start point A.	 Remote control unit 
2	Press the A-B button again. • This sets end point B, and repeat playback of the A-B section starts.	 Remote control unit 

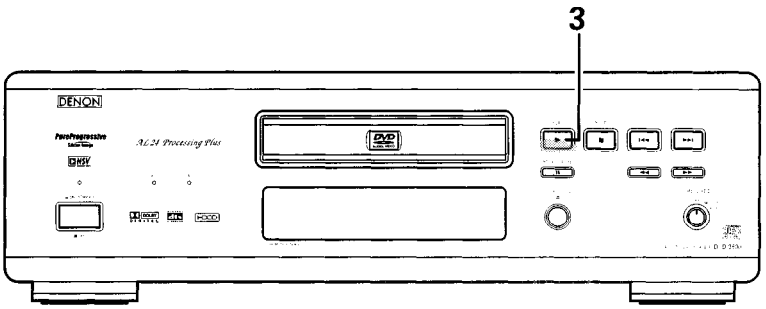
✻ To return to normal playback:
Press the A-B button until "A TO B CANCELLED" appears on the TV screen.

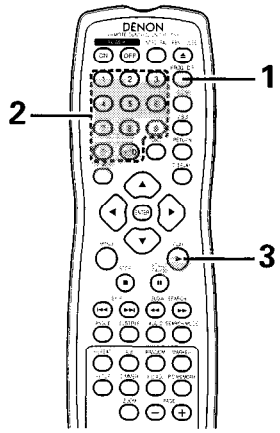
NOTES:

- Repeat playback may not work for some DVDs.
- The repeat playback and A-B repeat playback functions will not work for DVDs and video CDs for which the elapsed time is not shown on the display during playback.
- In some cases, subtitles may not be displayed near the A and B points during A-B repeat playback.

14 PLAYING TRACKS IN THE DESIRED ORDER

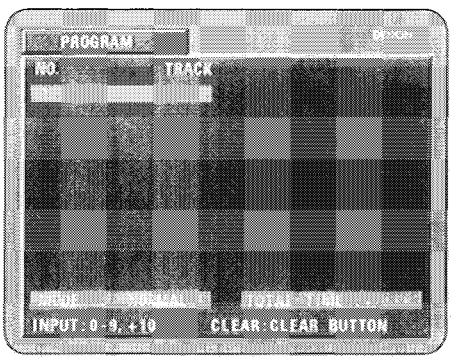
■ Use this function with video CD and music CDs to play the tracks in the desired order.





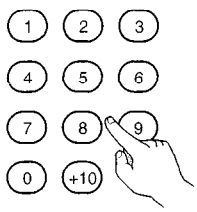
1 In the stop mode, press the PROG/DIR button once.
- The program selection screen appears.

Remote control unit

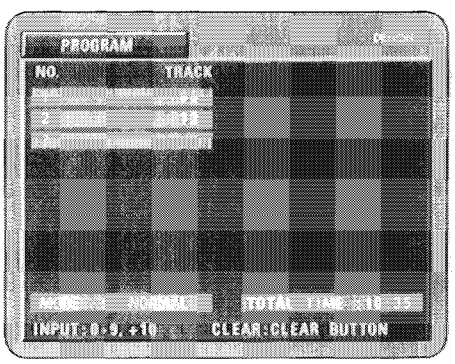


2 Use the number buttons to select the track number you want to program.

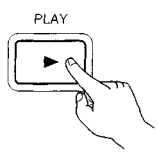
EX: To program track 5 and track 12:



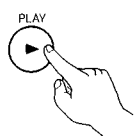
Remote control unit



3 Press the PLAY button.
- Playback of the tracks in the programmed order begins.



Main unit



Remote control unit

✻ To return to normal playback:
Press the STOP button to stop programmed playback, then press the PROG/DIR button.
Now press the PLAY button to start normal playback from the beginning of the disc.

✻ To clear tracks from the program:
Press the STOP button. The program play screen appears. Press the CLEAR button to clear the last track in the program.

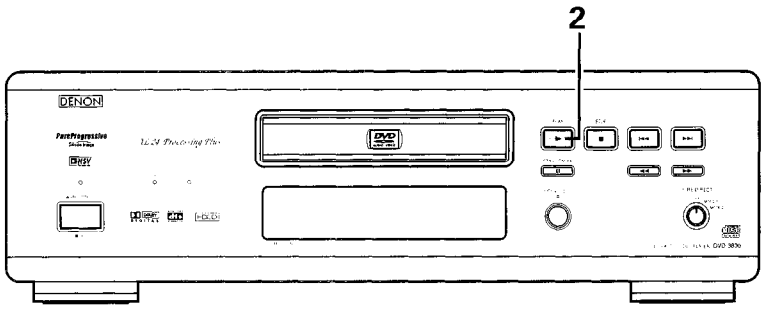
✻ To clear the entire program:
The entire program is cleared when the power is turned off or the disc is ejected.

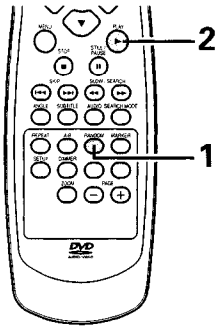
✻ To check the programmed contents, press the CALL button. The programmed contents are displayed step by step.

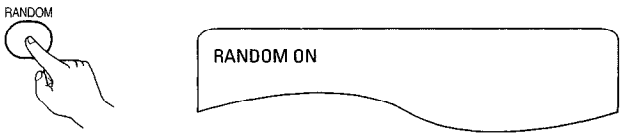
✻ Up to 20 tracks can be programmed.

15 PLAYING TRACKS IN THE RANDOM ORDER

■ Use this function with video and music CDs to play the tracks in random order.
This function does not affect with DVD.





1	In the stop mode, press the RANDOM button. • The random play screen appears.	 Remote control unit
2	Press the PLAY button. • The tracks start playing in random order.	 Main unit　　Remote control unit

• Random playback is not possible for some discs.

✻ To return to normal playback:
Press the STOP button to stop random playback, then press the RANDOM button once.

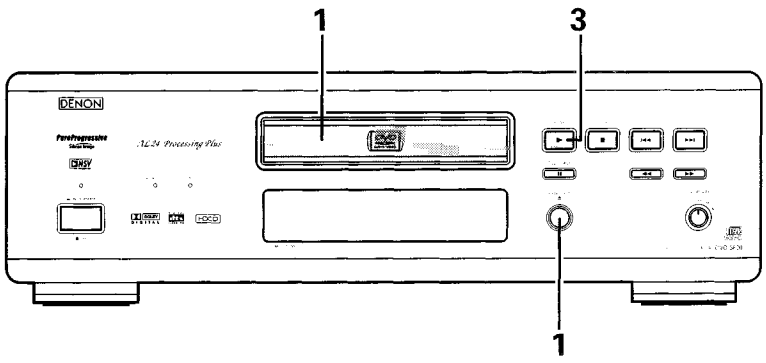
16 MP3 PLAYBACK

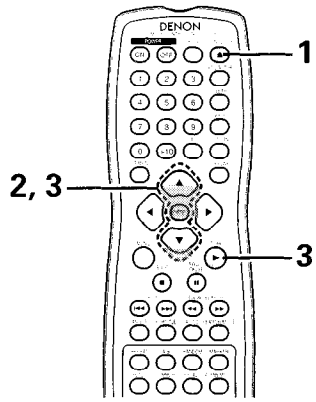
Listening to MP3 CD, CD-Rs and CD-RWs

■ There are many music distribution sites on the internet from which music files in MP3 format can be downloaded. Music downloaded as instructed on the site and written onto a CD-R/RW disc can be played on the DVD-3800.

If music recorded on commercially available music CDs is converted on a computer into MP3 files using an MP3 encoder (conversion software), the data on a 12 cm CD is reduced into about 1/10 the amount of the original data. Thus, when written in MP3 format, the data of about 10 music CDs can fit onto a single CD-R/RW disc. A single CD-R/RW disc can contain over 100 tracks.

* Values when 5-minute tracks are converted with a standard bit rate of 128 kbps into MP3 files and using a CD-R/RW disc with a capacity of 650 MB.

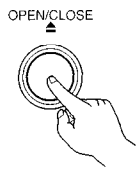




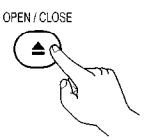
1

Load the CD-R/RW disc on which the MP3 format music files have been written into the DVD-3800. (See page 20.)

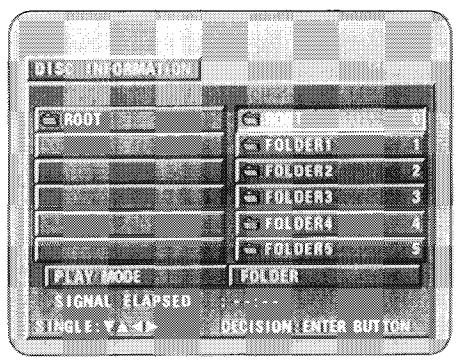
- When the disc is loaded in the DVD-3800, the disc information screen appears.
- If there are multiple folders, proceed to step **2**.
- If there are no folders on the disc, proceed to step **3**.



Main unit



Remote control unit

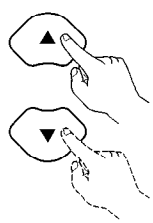


2

Use the ▲ and ▼ cursor buttons to select the folder containing the file(s) you want to play, then press the ENTER button.

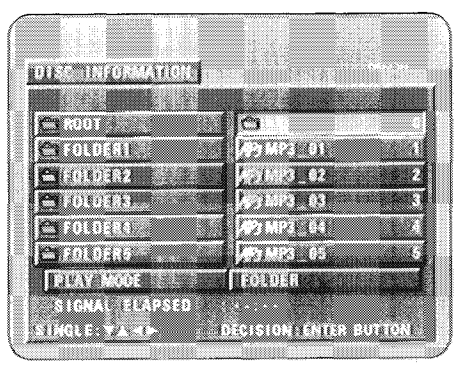
*** To change the folder**

Use the ▲ cursor button to select "ROOT" at the upper right of the screen, then press the ENTER button. The screen in step **1** reappears. Select the desired folder.



Remote control unit

Remote control unit



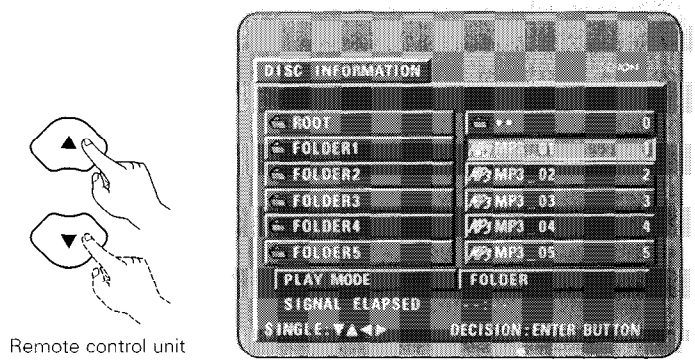
3

Use the ▲ and ▼ cursor buttons to select the MP3 file you want to play, then press the PLAY button or ENTER button.
- Playback starts.

✻ The display can be switched between the single elapsed time and the single remaining time by pressing the DISPLAY button.
✻ Programmed playback is not possible with MP3 discs.

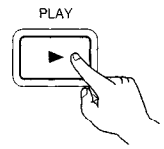
✻ **To change the MP3 file**
Press the STOP button, then use the ▲ and ▼ cursor buttons to reselect the desired MP3 file.
✻ **To set the random play mode**
In the stop mode, press the RANDOM button. Then press the PLAY button or ENTER button.
✻ **To set the repeat mode**
The repeat mode changes each time the REPEAT button is pressed.
FOLDER → TRACK REPEAT → FOLDER REPEAT

✻ **To return to the initial disc information screen**
Press the STOP button, use the ▲ cursor button to select "ROOT" at the upper right of the screen, then press the ENTER button.
The screen in step **1** reappears.



Remote control unit

Remote control unit



Main unit

Remote control unit

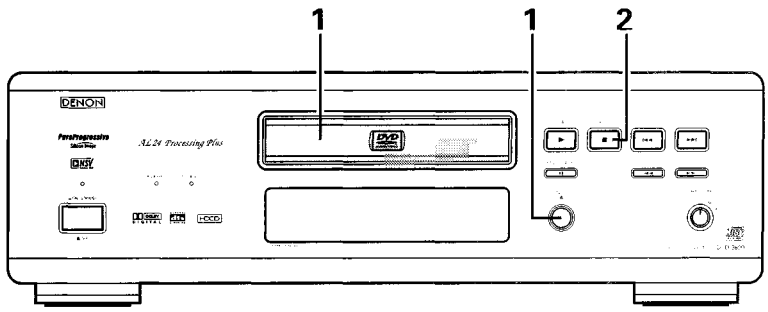
NOTES:
- The DVD-3800 is compatible with the "MPEG-1 Audio Layer 3" standards (sampling frequency of 32, 44.1 or 48 kHz). It is not compatible with such other standards as "MPEG-2 Audio Layer 3", "MPEG-2.5 Audio Layer 3", MP1, MP2, etc.
- It may not be possible to play some CD-R/RW discs due to disc properties, dirt, warping, etc.
- The digital signals output when playing MP3 files are MP3 signals converted into PCM, regardless of whether the audio output presetting is set to "normal" or "PCM". The signals are output with the same sampling frequency as that of the music source.
- In general, the higher an MP3 file's bit rate, the better the sound quality. On the DVD-3800, we recommend using MP3 files recorded with bit rates of 128 kbps or greater.
- MP3 files may not be played in the expected order, since the writing software may change the position of the folders and the order of the files when writing them on the CD-R/RW.
- Programmed playback are not possible with MP3 discs.
- When writing MP3 files on CD-R/RW discs, select "ISO9660 level 1" as the writing software format. This may not be possible with some types of writing software. For details, refer to the writing software's usage instructions.
- With the DVD-3800 it is possible to display folder names and file names on the screen like titles. The DVD-3800 can display up to 8 characters, consisting of numbers, capital letters, and the "_" (underscore) mark.
- If recorded in a format other than "ISO9660 level 1", normal display and playback may not be possible. In addition, folder and file names including other symbols will not be displayed properly.
- Be sure to add the extension ".MP3" to MP3 files. Files cannot be played if they have any extension other than ".MP3" or if they have no extension. (with Macintosh computers, MP3 files can be played by adding the extension ".MP3" after the file name consisting of up to 8 capital or numbers and recording the files on the CD-R/RW.)
- Do not apply stickers, tape, etc., to either the label side or the signal side of CD-R/RW discs. If adhesive gets on the surface of a disc, the disc may get stuck inside the DVD-3800 and be impossible to eject.
- The DVD-3800 is not compatible with packet write software.
- The DVD-3800 is not compatible with ID3-Tag.
- The DVD-3800 is not compatible with play lists.
- Do not play CD-R/RW discs containing any files other than music CD files (in CDA format), MP3 and JPEG files. Doing so may result in malfunction or damage, depending on the type of file.

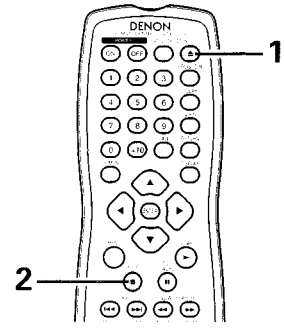
17 PLAYING STILL PICTURE FILES (JPEG FORMAT)

■ JPEG files stored on Kodak picture CDs, CD-Rs and CD-RWs can be played as a slide show and enjoyed on the DVD-3800.

Playing picture CDs

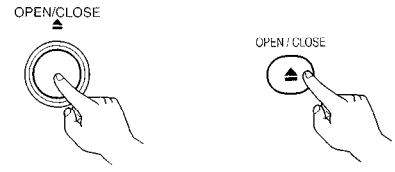
■ Kodak picture CDs can be played on the DVD-3800.
When a picture CD is played, the photographs on the picture CD can be displayed on a TV.
("Picture CD" is a service by which photographs taken on conventional silver film cameras are converted into digital data and written on CDs. For details on Picture CD, contact a store that offers Kodak development services.)





1

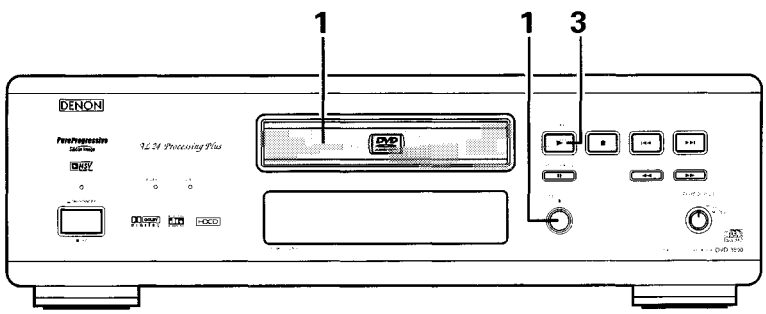
Load the picture CD into the DVD-3800.
- When the disc is loaded, a slide show of the still pictures begins automatically.
- The slide show continues until the STOP button is pressed.

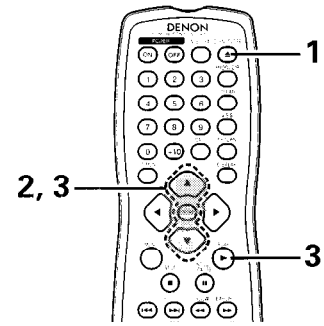


2

Press the STOP button.
- The slide show of the picture CD stops.

Playing still pictures stored on CD-Rs/RWs

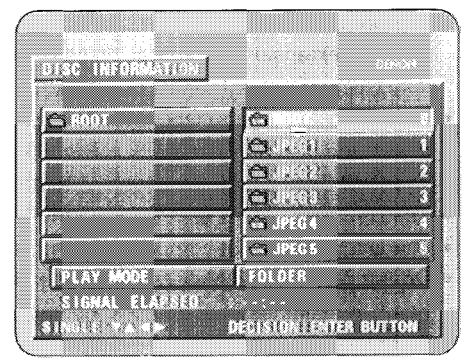




1

Load the CD-R/RW on which the still pictures have been written into the DVD-3800.
- When the disc is loaded in the DVD-3800, the disc information screen appears.

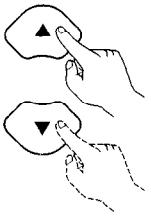
- If there are multiple folders, proceed to step **2**.
- If there are no folders on the disc, proceed to step **3**.



2

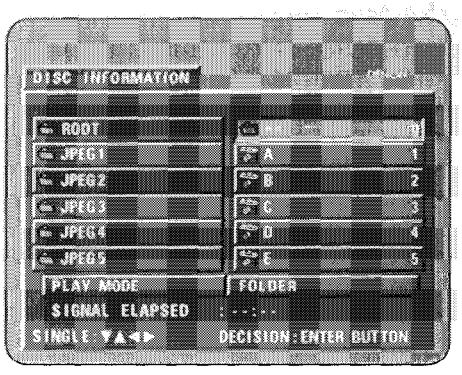
Use the ▲ and ▼ cursor buttons to select the folder containing the file(s) you want to play, then press the ENTER button.

✻ **To change the folder**
Use the ▲ cursor button to select "ROOT" at the upper right of the screen, then press the ENTER button. The screen in step **1** reappears. Select the desired folder.



Remote control unit

Remote control unit

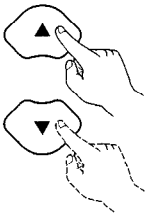


3

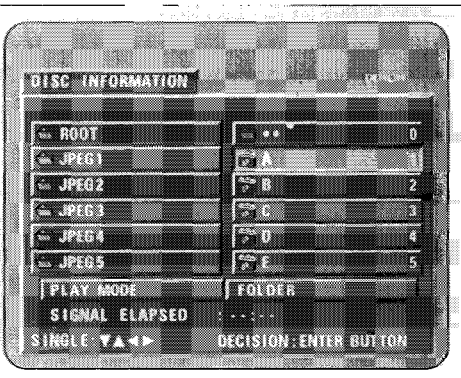
Use the ▲ and ▼ cursor buttons on the remote control unit to select the still picture file from which you want to start the slide show, then press the PLAY button or the ENTER button on the remote control unit.

- The slide show starts.
- Only the still picture files in the selected folder are played.

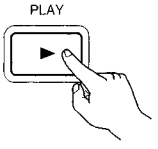
✻ Once all the still picture files in the folder have been played, the disc information screen reappears.



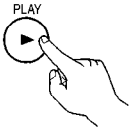
Remote control unit



Remote control unit



Main unit



Remote control unit

✻ To view several of the still pictures stored on the disc at once:
- Press the MENU button to display up to 9 still pictures at once.
- To select and view a still picture (to start the slide show from a specific still picture), use the cursor buttons (▼, ▲, ◄ and ►) to select the desired still picture, then press the ENTER button.

✻ To temporarily stop the slide show:
- Press the PAUSE button.
- To resume the slide show, press the PLAY button.

✻ To cue a still picture you want to view (from which you want to start the slide show):
- During the slide show, press one of the SKIP (|◄◄, ►►|) buttons. Press the SKIP |◄◄ button to cue back to the previous still picture, the SKIP ►►| button to cue ahead to the next still picture.

✻ Flipping and rotating still pictures:
- Use the cursor buttons (▼, ▲, ◄ and ►) to flip the still picture.
  - ▲ cursor button: The currently displayed still picture is flipped vertically.
  - ▼ cursor button: The currently displayed still picture is flipped horizontally.
  - ◄ cursor button: The currently displayed still picture is rotate 90° counterclockwise.
  - ► cursor button: The currently displayed still picture is rotate 90° clockwise.

✻ Play the image in the zoom mode.
- When the ZOOM button is pressed while playing a JPEG image ("ZOOM ON" is displayed on the screen at this time) zoom in and zoom out using the search keys.
  (◄◄: zoom out, ►►: zoom in)
- When the image is zoomed, use the cursor buttons (▼, ▲, ◄ and ►) to move the zoomed picture.
- Continuous playback (SLIDE SHOW) is not possible in the zoom mode.

✻ The way of switching to the next image during continuous JPEG image playback (SLIDE SHOW) can be selected.
- Press the V.S.S. button on the remote control unit.
- Select from SLIDE SHOW MODE 1 to MODE 11, RAND and NONE.

Special play modes for MP3 and JPEG files

Use the ◄ and ► cursor buttons to select the play mode, the ▲ and ▼ cursor buttons to select the special play mode.

- FOLDER (the MP3 and JPEG files in the folder are played in order starting from the selected file)
- FOLDER REPEAT (all the MP3 and JPEG files in the folder are played repeatedly starting from the selected file)
- DISC (all the MP3 and JPEG files on the disc are played in order starting from the selected file)
- DISC REPEAT (all the MP3 and JPEG files on the disc are played repeatedly starting from the selected file)
- RANDOM ON (all the MP3 and JPEG files in the folder are played in random order starting from the selected file)
- JPEG PLAY1 (the JPEG files only are played in order starting from the selected JPEG file, and during this time the MP3 files in the folder are played in order starting from the first MP3 file)
- JPEG PLAY2 (the MP3 files only are played in order starting from the selected MP3 file, and during this time the JPEG files in the folder are played in order starting from the first JPEG file)
- TRACK REPEAT (the select MP3 or JPEG file is played repeatedly)

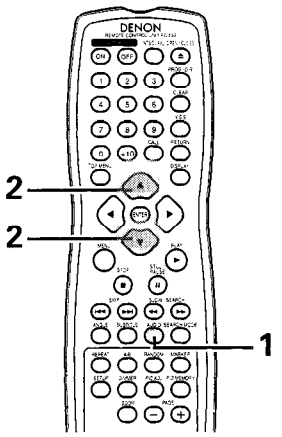
NOTES:

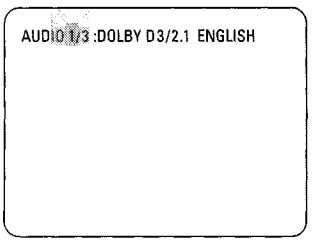
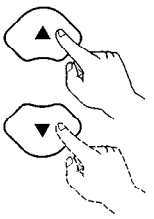
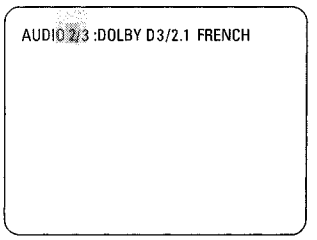
- The DVD-3800 is compatible with image data stored in JPEG format, but Denon does not guarantee that all image data stored in JPEG format can be viewed.
- Pictures with resolutions of up to 2048 x 1536 pixels can be displayed.
- It may not be possible to play some CD-Rs/RWs due to disc properties, dirt, scratches, etc.
- When storing JPEG files on the CD-R/RW, set the writing program to store the files in the "ISO9660 level 1" format.
- Be sure to give JPEG files the extension ".JPG" and ".JPE". Files with other extensions or with no extensions cannot be viewed on the DVD-3800.
- Do not apply stickers, tape, etc., to either the label side or the signal side of CD-R/RW discs. If adhesive gets on the surface of a disc, the disc may get stuck inside the DVD-3800 and be impossible to eject.
- Do not play CD-R/RW discs containing any files other than music CD files (in CDA format), MP3 and JPEG files. Doing so may result in malfunction or damage, depending on the type of file.
- JPEG files written using Macintosh computers cannot be played.

18 USING THE MULTIPLE AUDIO, SUBTITLE AND ANGLE FUNCTIONS

Switching the Audio Language (Multiple Audio Function)

■ With DVDs containing multiple audio language signals, the audio language can be switched during playback.



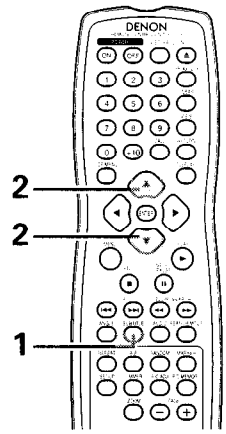
1	During playback, press the AUDIO button. • The current audio language number is displayed.	Remote control unit 
2	Use the ▲ and ▼ cursor buttons to select the desired language. • The display turns off when the AUDIO button is pressed.	 Remote control unit 

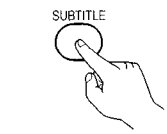
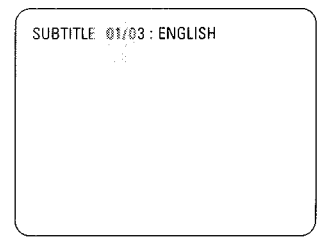
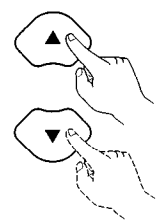
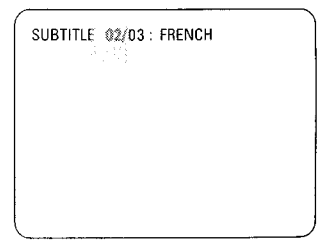
NOTES:

- With some discs it is not possible to change the audio language during playback. In such cases, select from the DVD menu. (See page 61.)
- If the desired language is not set after pressing the ▲ and ▼ cursor buttons several times, the disc does not include that language.
- The language selected in the default settings (see page 23) is set when the power is turned on and when the disc is replaced.

Switching the Subtitle Language (Multiple Subtitle Function)

■ With DVDs containing multiple subtitle language signals, the subtitle language can be switched during playback.



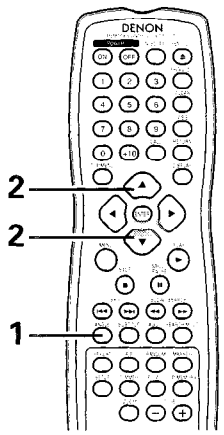
1	During playback, press the SUBTITLE button. • The current subtitle language number is displayed.	 Remote control unit 
2	Use the ▲ and ▼ cursor buttons to select the desired language. • The display turns off when the SUBTITLE button is pressed.	 Remote control unit 

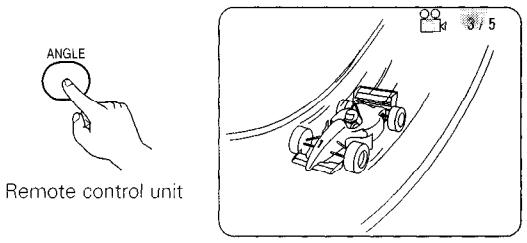
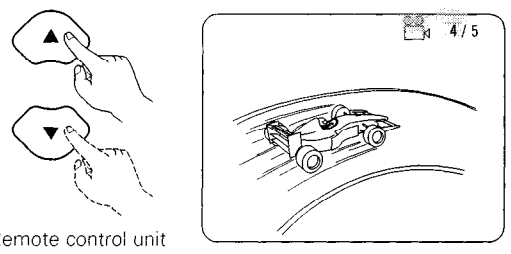
NOTES:

- If the desired language is not set after pressing the ▲ and ▼ cursor buttons several times, the disc does not include that language.
- The subtitle language set with the default settings (see page 23) is set when the power is turned on and when the disc is replaced. If that language is not included on the disc, the disc's default language is set.
- When the subtitle language is changed, several seconds may be required for the new language to appear.
- When a disc supporting the closed caption is played, the subtitle and the closed caption may overlap each other on the TV monitor. In this case, turn the subtitle off.

Switching the Angle (Multiple Angle Function)

■ With DVDs containing multiple angle signals, the angle can be switched during playback.



1	During playback, press the ANGLE button. • The current angle number is displayed.	 Remote control unit
2	Use the ▲ and ▼ cursor buttons to select the desired angle. • The display turns off when the ANGLE button is pressed.	 Remote control unit

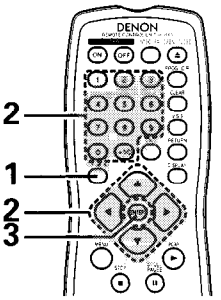
NOTES:

- The multiple angle function only works with discs on which multiple angles are recorded.
- "ANGLE" lights on the main unit's display when playing a section recorded in the multi-angle mode.
- At scenes where multiple angles are recorded, the angle can be switched.

19 USING THE MENUS

Using the Top Menu

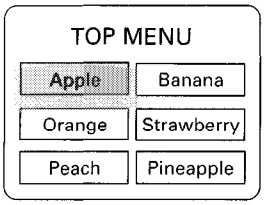
■ For DVDs containing multiple titles, the desired title can be selected and played from the top menu.



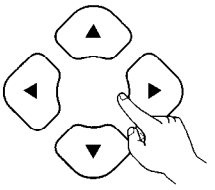
1 During playback, press the TOP MENU button.
- The top menu appears.

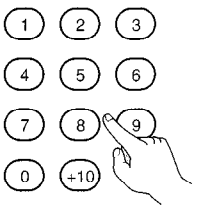
Remote control unit

Example:



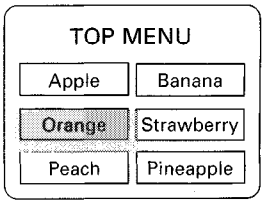
2 Use the cursor or number buttons to select the desired title.
- If you select the title number using the number buttons, skip step 3 below.


Remote control unit

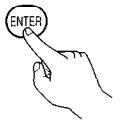


Remote control unit

Example:
When "Orange" is selected



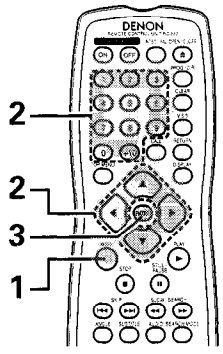
3 Press the ENTER button.
- Playback starts.
- Playback also starts if the PLAY button is pressed.

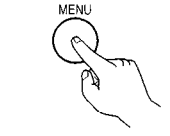
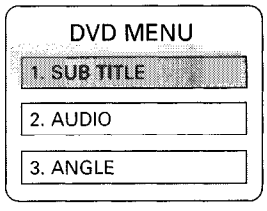
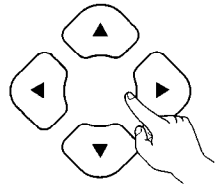
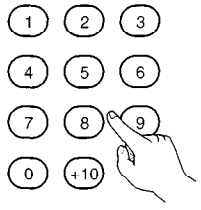
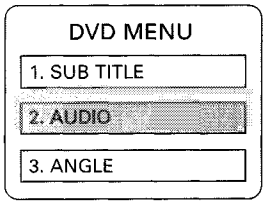


Remote control unit

Using the DVD Menu

■ Some DVDs include special menus called DVD menus.
For example, DVDs with complex contents may contain guide menus, and DVDs with multiple languages may contain audio and subtitle language menus.
These menus are called "DVD menus".
Here we describe the general procedure for using DVD menus.

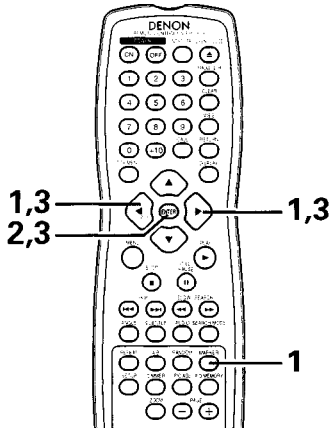


1	During playback, press the MENU button. • The DVD menu appears.	 Remote control unit Example: 
2	Use the cursor or number buttons to select the desired item. • If you select the item using the number buttons, skip step 3 below.	 Remote control unit  Remote control unit Example: "AUDIO" is selected 
3	Press the ENTER button. • The selected item is set. • If more menus appear, repeat steps 2 and 3.	 Remote control unit

20 MARKING SCENES YOU WANT TO SEE AGAIN

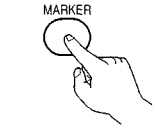
■ Set marks at scenes you want to see again so that you can start playback from the marked position whenever you want.

Setting Marks (DVD-AUDIO / DVD-VIDEO)

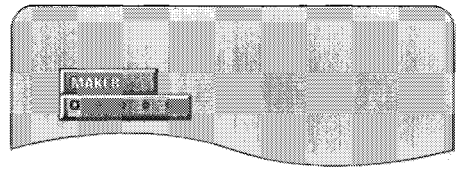


1

During playback, press the MARKER button.
- Use the ◄ and ► cursor buttons to select the "*" marks.
- The marker screen appears.
- "*" is displayed if the mark is not set.

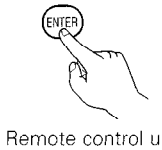


Remote control unit

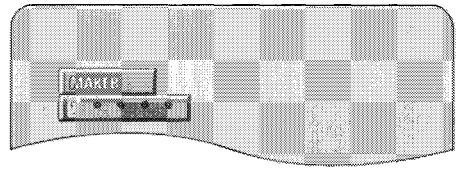


2

Press the ENTER button at the scene you want to mark.
- A number is displayed.
- Up to five marks can be set.
  (To select another marker, use the cursor buttons (◄, ►).)



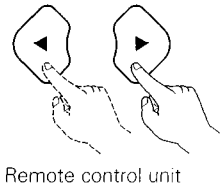
Remote control unit



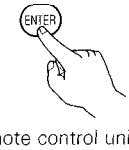
Calling Out Marked Scenes and Clearing Marks

3

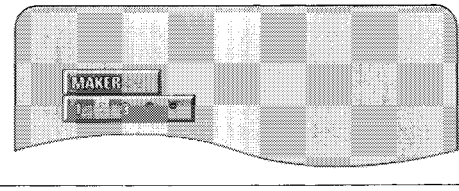
Use the ◄ and ► cursor buttons to select the marker number and press the ENTER button.
- If the marker screen is not displayed during playback, press the MARKER button to display it.



Remote control unit

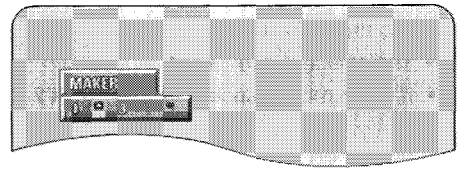


Remote control unit



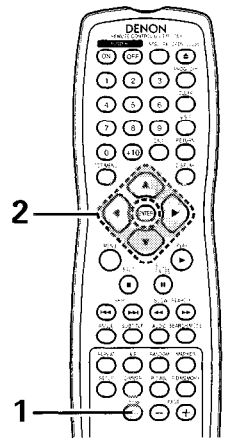
✻ To clear the marker display:
Press the MAKER button.

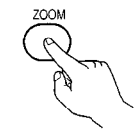
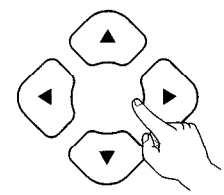
✻ To clear a marker:
Use the ◄ and ► cursor buttons to select a marker number and press the CLEAR button.
- You can clear existing markers, but they are restored when you open the disc tray or switch the unit to standby.



NOTE:
- All the markers added with this unit are cleard when the unit is switched to standby or the disc tray is opened.

21 PLAYING IN THE ZOOM MODE



1	In the play or pause mode, press the ZOOM button. • The zoom rate increases each time the ZOOM button is pressed. For DVD video discs and video CDs: OFF → x1.5 → x2 → x4 → OFF For DVD audio discs: OFF → x2 → x4 → OFF • When "PLAYER MODE" at "OTHER SETTING" in "SETUP" is set to "AUDIO", zooming is not possible at the top menu or with still pictures. • When "PLAYER MODE" at "OTHER SETTING" in "SETUP" is set to "VIDEO", zooming is not possible at the top menu.	 Remote control unit
2	Use the cursor buttons (▼, ▲, ◄ and ►) to move the zoomed picture.	 Remote control unit

NOTES:
- Zooming is not possible with some discs.
- The zoom function may not work properly at some scenes.
- Zooming is not possible at the top menu or the menu screen.

22 TROUBLESHOOTING

Check again before assuming the player is malfunctioning

- **Are all the connections correct ?**
- **Are you following the instructions in the manual ?**
- **Are the amplifier and speakers operating properly ?**

If the DVD-3800 does not seem to be functioning properly, check the table below. If this does not solve the problem, the DVD-3800 may be damaged. Turn off the power, unplug the power cord from the power outlet, and contact your store of purchase or nearest Denon sales office.

Symptom	Check	Page
Power does not turn on.	• Plug the power cord securely into the power outlet.	10~15, 17
Playback does not start when PLAY button is pressed. Playback stops immediately.	• Is there condensation on the disc or player ? (Let stand for 1 or 2 hours.) • Discs other than DVDs, video CDs and music CDs cannot be played. • Disc is dirty. Wipe off the dirt.	– 8 9
Picture does not appear.	• Check the connections. • Check that VIDEO OUT has not been set to OFF for PURE DIRECT MODE. • Set the TV's input to "video".	10~15 43 –
Sound is not produced or sound quality is poor.	• Check the connections. • Properly set the input of the TV, stereo, etc. • Check the "DIGITAL OUT" and "COMPRESSION" settings.	10~15 – 30, 33, 36, 37
Menu playback of video CD's is not possible.	• Menu playback is not possible with anything but video CDs with playback control.	38
Picture is disturbed during the search operation.	• Some disturbance is normal.	–
Buttons do not operate.	• Some operations are disabled for some discs.	39
No subtitles are displayed.	• Subtitles are not displayed for DVDs not containing subtitles. • Subtitles are turned off. Turn the subtitles setting on.	– 23
Audio (or subtitle) language does not switch.	• The audio (or subtitle) language does not switch for discs which do not include multiple audio (or subtitle) languages. • For some discs the audio (or subtitle) language cannot be switched when the operation to switch it is performed, but can be switched on the menu screens.	– 61
Angle does not switch.	• The angle cannot be switched for DVDs which do not contain multiple angles. In some cases multiple angles are only recorded for specific scenes.	59
Playback does not start when the title is selected.	• Check the "RATINGS" setting.	34, 35
The password for rating level has been forgotten. **Reset all the setting to Factory Preset.**	• While the player is in the stop mode, hold the player's SKIP (▶▶I) button and the PLAY button down simultaneously and then hold the OPEN/CLOSE button down for longer than 3 seconds (until "INITIALIZE" disappears from the TV monitor). The lock will be released and all default settings and picture settings will return to the default values.	–
The disc is not played with the audio or subtitle language set as the default setting.	• The disc does not play with the selected audio or subtitle language if that audio or subtitle language is not included on that DVD.	23~27
Picture is not displayed in 4:3 (or 16:9).	• Set the "TV ASPECT" default setting to the proper setting for the connected TV.	28
Menu screen messages for the desired language do not display.	• Check the default setting for the disc language's menu language.	23, 24
Remote control unit does not operate.	• Check that the batteries are inserted in the proper "⊕" and "⊖" directions • The batteries are dead. Replace them with new batteries. • Point the remote control unit at the remote control sensor when operating it. • Operate the remote control unit within a distance of 7 meters from the remote control sensor. • Remove the obstacle between the remote control unit and remote control sensor.	18 18 18 18 18

23 MAIN SPECIFICATIONS

Signal system: NTSC/PAL

Applicable discs:
(1) DVD-Audio/DVD-Video discs
1-layer 12 cm single-sided discs, 2-layer 12 cm single-sided discs, 2-layer 12 cm double-sided discs (1 layer per side)
1-layer 8 cm single-sided discs, 2-layer 8 cm single-sided discs, 2-layer 8 cm double-sided discs (1 layer per side)
(2) Compact discs (CD-DA, Video CD)
12 cm discs, 8 cm discs

S-Video output: Y output level: 1 Vp-p (75 Ω/ohms) C output level: 0.286 Vp-p
Output connectors: S connectors, 2 sets

Video output: Output level: 1 Vp-p (75 Ω/ohms) Output connector: Pin jacks, 2 sets

Component output: Y output level: 1 Vp-p (75 Ω/ohms)
P_B/C_B output level: 0.648 Vp-p (75 Ω/ohms) P_R/C_R output level: 0.648 Vp-p (75 Ω/ohms)
Output connector: Pin jack, 1 set

Audio output: Output level: 2 Vrms
2 channel (FL, FR) output connector: Pin jacks, 2 sets
Multi channel (C, SW, SL, SR) output connector: Pin jack, 1 set

Audio output properties:
(1) Frequency response
① DVDs (linear PCM) : 2 Hz to 22 kHz (48 kHz sampling)
: 2 Hz to 44 kHz (96 kHz sampling)
: 2 Hz to 88 kHz (192 kHz sampling)
② CDs : 2 Hz to 20 kHz
(2) S/N ratio
① DVDs : 118 dB
② CDs : 118 dB
(3) Total harmonic distortion
① DVDs : 0.0018 %
② CDs : 0.0018 %
(4) Dynamic range
① DVDs : 108 dB
② CDs : 100 dB

Digital audio output: Optical digital output : Optical connector, 1 set
Coaxial digital output : Pin jack, 1 set

Power supply: AC 120 V, 60 Hz

Power consumption: 42 W

Maximum external dimensions: 434 (width) x 132 (height) x 339 (depth) mm (including protruding parts)

Mass: 10.0 kg

■ **Remote control unit:** RC-553

Type: Infrared pulse

Power supply: DC 3 V, 2 "AA" (R6P) batteries

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

✻ Design and specifications are subject to change without notice in the course of product improvement.

DENON, Ltd.

16-11, YUSHIMA 3-CHOME, BUNKYOU-KU, TOKYO 113-0034, JAPAN
Telephone: (03) 3837-5321

Printed in China 511 3877 002

DENON SERVICE NETWORK/ 服務網絡

- **Please contact one of our overseas service centers, listed below, for follow-up service consultation.**
- **Wenden Sie sich für anfallende Wartungs-bzw. Reparaturarbeiten bitte an eine der folgend aufgeführten Kundendienststellen.**
- **Adressez-vous à nos centres de service d'outre-mer indiqués ci-dessous, pour le service après vente.**
- **Per il servizio dopo vendita rivolgete Vi al nostro centro di servizio estero appropriato della lista seguente.**
- **Para consultas de servicio porfavor dirigirse a cualquiera de nuestros centros de servicio en el extranjero, enlistados abajo.**
- **Neem kontakt op met één van onze reparatie-inrichtingen in het buitenland, waarvan hier een lijst volgt, voor na-service.**
- **Ta kontakt med nedan angivna servicecentraler för rådfrågning om servicearbeten efter försäljningen.**
- **Favor contactar um de nossos centros de serviços internacionais, abaixo listados, para consulta de serviços de acompanhamento.**
- **請據下表所列本公司海外服務中心查詢售后服務事宜。**

Australia	Audio Products Australia Pty Ltd. 67 O'Riordan Street, Alexandria NSW 2015, Australia Tel: (02) 9669-3477 Fax: (02) 9578-0140
Austria	Digital-Professional-Audio Vertriebsges.m.b.H., 1170 Wien, Rupertusplatz 3 Tel: 0222-4501006~9, Fax: 0222-457679
Belgium	Transtel-Sabima P.V.B.A. Harmoniestraat 13, 2018 Antwerpen 1, België Tel: 03-237-3607
Canada	Denon Canada Inc. 17 Denison Street, Markham Ontario, Canada L3R 1B5 Tel: 905-475-4085 Fax: 905-475-4159
China	中國遠望機電技術發展中心（北京天龍特約維修中心）北京，東城區，建國門內東總布胡同28號 郵編：100005 電話：（010）64064558 傳真：（010）64015151 天龍音響上海特約技術維修服務中心 上海金沙江路253號 郵編：200062 電話： 86-21-6257-9958 傳真： 86-21-6260-5645
Czecho	EUROSTAR OSTORAVA s.r.o. areal Vodni stavby Praha a.s., budova A2 Dobronicka 635,148 00 Praha 4 Czech Rep. Tel: 02-6111-2901 Fax. 02-6111-2904
Denmark	Hifi Klubben A/S Dali Alle 1, 9610 Noerager, Denmark Tel: 45-96 72 10 00 Fax: 45-96 72 10 14
Finland	Suomen Hi-Fi Klubi OY Nylandsgatan 4-6, Helsingfors Tel: 09 25 30 36 12
France	Denon France S.A. 3 Boulevard Ney, 75018 Paris Tel: 44-89-68-69
F.R. Germany	Denon Electronic GmbH An der Landwehr 19, 41334 Nettetal Tel: +49 2157 12 08 78 Fax: +49 2157 12 08 13
Greece	KINOTECHNIKI LTD. 14, PYRGOU STR. 166 75, GLYFADA ATHENS Tel: (01)960-1071 Fax: (01)960-1072
Hong Kong	DENON ASIA COMPANY LTD. Suite 501, Ocean Centre, Harbour City, Canton Road, Tsimshatsui Kowloon, Hong Kong Tel: 852-2516-6862, Fax: 852-2516-5940 天龍音響(亞洲)有限公司 香港九龍尖沙咀廣東道海港城海洋中心5樓501室 電話：852-2516-6862 傳真：852-2516-5940
Hungary	InfoVox Ltd. Terez krt 31, 1067 Budapest Hungary Tel / Fax: 01-302-2515
Iceland	Japis Ltd. Brautarholt 2, P.O.Box 396, 121 Reykjavik, Iceland Tel: 354-58009-800 Fax: 354-5800-888
Israel	Newpan Ltd. 14 Rosansky st. Rishon Lezion 75706. Tel: 03-9535900 Fax: 03-9616193
Indonesia	PT Autoaccindo Jaya. Cideng Barat No. 7 Jakarta, Indonesia Tel: 633-2730
Italy	Audiodelta S.r.l.19 Via Pietro Calvi 20129 Milan Italy Tel: 39-02-5411-6008 / 39-02-5412-8253 Fax: 39-02-5518-1961
Korea	SAM WON KOREA Co., Ltd. 1F, SANG-ROCK BLDG, #1629-3 SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070, KOREA Tel: 02-521-1404 Fax: 02-3486-2135
Malaysia	HWEE SENG (ELECTRONICS) SDN BHD. 13-1, Jalan Raja Laut, 50350 Kuala Lumpur Malaysia Tel: 60-3-4041-8422 Fax: 60-3-4041-0563
Mexico	Labrador, S.A. de C.V. Callejon del Naranjo 35, Naucalpan, 53560, Edo. Mex., Mexico Tel: 52-5359-5161 Fax: 52-5357-1775
Netherlands	Penhold B.V. Poppenbouwing 58, NL-4191 NZ Geldermalsen, Netherland Tel: 31-345-588 080 Fax: 31-345-588 085
New Zealand	Avalon Audio Corpn. Limited 630B Great South Road Ellerslie Auckland, New Zealand Tel: 64-9-579-1280 Fax: 64-9-579-3350
Norway	Hi-Fi Klubben AS Sandakerveien 64 0483 Oslo Tel: 47 22 79 66 66 Fax: 47 22 79 66 67
Poland	HORN DISTRIBUTION S.A. Ulica Kurantow 34, 02-873 Warszawa Poland Tel: +48 22 649 30 71 Fax: +48 22 649 31 99
Portugal	Videoacustica Qta Do Paizinho-Armazém 5-Estrada De Circunvalação-Apart. 3127 1303 Lisboa Codex Tel: (01)417-00-04/00-96 Fax: (01)418-80-93
Singapore	Hwee Seng (Electronics) Pte Ltd. 81 Genting Lane #02-02, Everich Industrial Building Singapore 349566 Tel. 65-746-3355 Fax: 65-743-1704
South Africa	Mandarin Distributors S.A. 10 Thora Crescent, Wynberg Ext.3 Sandton, P.O.Box 5137, Johannesburg Republic of South Africa Tel: 27-11-444-8445 Fax: 27-11-444-8363
Spain	Gaplasa S.A AV. Ing. Conde de Torroja, 25, 28022 Madrid Tel: 91-329-29-60 Fax: 91-329-16-75
Sweden	Sveriges Hi-Fi Klubb Box 5116, S-402 23 Göteborg Tel: 031 33 51000
Switzerland	KOENIG APPARATE AG, Abteilung Elektronik. Eggbühlstrasse 28, CH-8052 Zürich, Switzerland Tel: 01-306-1626 Fax: 01-306-1690
Taiwan R.O.C.	KOLIN-DENON ENTERTAINEMENTY INC. 5th FL.,NO.63, Po-Ai Road, Taipei, Taiwan, R.O.C. Tel: (02)2381-5876 Fax: (02)2381-5811
進口廠商	歌林天龍音樂事業股份有限公司 台北市博愛市路63號10樓 電話：(02)2381-5876 傳真：(02)2381-5811
Thailand	Mahajak Development Co., Ltd. 46 Mahajak Building, Sukhumvit Soi 3 (Nana-Nua) Klongtoey, Bangkok Thailand. 10110 Tel: 66-2-256-0020 Fax: 66-2-253-1696
United Kingdom & Eire	Hayden Laboratories Ltd. Hayden House, Chiltern Hill, Chalfont St Peter, Gerrards Cross, Bucks, SL9 9UG Tel: 01753-888447 Fax: 01753-880109
U.S.A.	DENON ELECTRONICS, a Division of Denon Corporation (U.S.A.) 19 Chapin Road, Pine Brook, NJ 07058-9777 Tel: 973-396-7499, Fax: 888-544-8434

- If there is no service center in your local area, consult the outlet where the equipment was purchased
- Falls sich in Ihrer Nähe keine Kundendienststelle befindet, wenden Sie sich an das Geschäft, wo das Gerät gekauft wurde.
- S'il n'y a aucun centre de service dans votre région, consultez votre revendeur
- Se nella Vostra zona non c'è il centro di servizio, rivolgete Vi al negozio dove avete acquistato l'apparecchio
- Si no hay centros de servicio en su área local, consulte en donde haya comprado su equipo
- Als er in uw streek geen reparatie-inrichting is, neemt u kontakt op met de vestiging waar u de apparatuur gekocht heeft.
- Saknas servicecentral i närheten där du bor, bör kontakt tas medäterförsäljaren för apparaten.
- Se não existir um centro de serviços em sua área local, consulte o estabelecimento onde o equipamento foi adquirido
- 若當地無服務中心，可向貴購本機的商號查詢

H11001

DENON, Ltd.

13-16-11, YUSHIMA, BUNKYO-KU, TOKYO 113-0034, JAPAN

Telephone. (813) 3837 5321 Fax: (813) 3837 7804

DVD-3800 CORRECTION SHEET / For North America model

ENGLISH (Page 31)

SETUP "SPEAKER CONFIGURATION"

FILTER

ON (Factory default)

Select this when connecting a subwoofer, for example for playback in the Dolby Digital or DTS modes

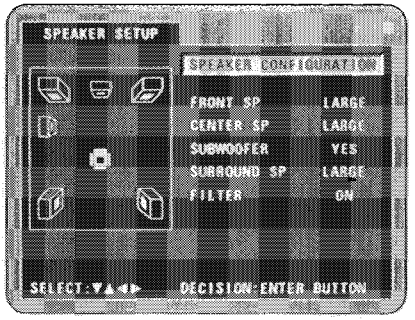
Set to "ON" for normal multi-channel playback.

OFF

Set this to play DVD audio 6-channel sources recorded with "all channel full band frequency".

When "OFF" is set, the speaker size is set to "LARGE" for all the speakers and the subwoofer setting is set to "YES".

To play this type of software, read the software's instructions carefully and make analog connections



FRANCAIS (Page 91)

INSTALLATION "CONFIGURATION HP"

FILTRE

ACTIF (Réglage usine par défaut)

Sélectionner ce réglage en cas de connexion d'un subwoofer, pour une reproduction en mode Dolby Numérique ou DTS par exemple.

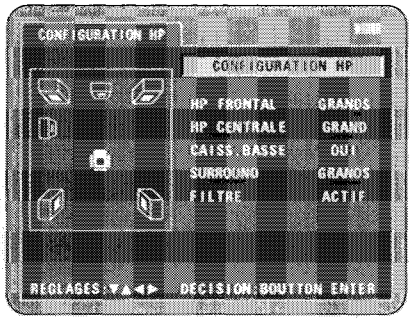
Régler sur "ACTIF" pour une reproduction à canaux multiples normale.

ETEINT

Sélectionner ce réglage pour une reproduction de sources DVD audio à 6 canaux enregistrées avec une "bande de fréquences totale pour tous les canaux".

Lorsque "ETEINT" est réglé, la taille de l'enceinte est réglée sur "GRAND" pour toutes les enceintes et le réglage du subwoofer est sur "OUI".

Veuillez lire le mode d'emploi du lecteur DVD afin d'effectuer les connexions analogiques pour lire ces types de DVD.



ESPAÑOL (Página 151)

CONFIGURACIÓN "CONFIG. ALTAVOCES"

FILTRO

ON (Por defecto de fábrica)

Selecciónelo cuando conecte un subwoofer, por ejemplo para la reproducción en los modos Dolby Digital o DTS.

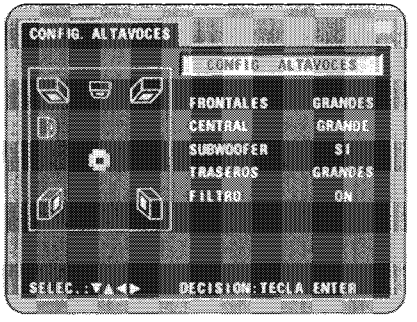
Ajuste a "ON" para la reproducción normal de múltiples canales.

OFF

Ajústelo para reproducir fuentes de audio DVD de 6 canales grabadas con "todos los canales con frecuencia de banda completa"

Cuando se ajusta "OFF", el tamaño del altavoz se ajusta a "GRANDE" para todos los altavoces y la selección del ajuste de subwoofer será "SI".

Asegúrese de leer el manual de instrucciones del DVD para obtener información sobre como realizar las conexiones analógicas para la reproducción de estos tipos de DVD



DENON

DENON ELECTRONICS (USA), INC.

CHROMA FIX FIRMWARE PROCEDURE FOR DVD-9000/3800

The following procedure to correct the Chroma Up sampling Error in the ESS MPEG decoder in the DVD-9000 and 3800 is identical for either machine, however the firmware versions are written for the specific models.

BE SURE YOU ARE USING THE PROPER DISCS FOR THE MODEL YOU ARE UPDATING!

- Be sure not to disconnect the power cord at any time during this procedure. Doing this will cause the unit to seize and the Flash ROM will need to be replaced. Also do not use the remote, only the controls on the front panel of the player(s).
- With the player powered up, remove any discs that may be in the tray.
- Insert Firmware CD-R labeled DVD-XXXX, ESSROM (Disc #1).
- Press the 'Close' button, DO NOT press 'Play"! Stand back as the firmware will automatically start.
- After the firmware has done it job, the player will open the drawer automatically.
- Remove ESSROM disc. Without closing the drawer, turn the unit off by pressing the 'Power' button.
- Turn on the player, by pressing the 'Power' button again.
- Insert the Firmware CD-R labeled, DVD-XXXX PANEL(Disc #2).
- Press the 'Close' button, again Do NOT press 'Play'. Again the firmware will do it's thing automatically and when finished will Open the drawer.
- Remove PANEL disc. Again turn the player off using the 'Power' button.
- Turn of the player with the 'Power' button and start using. That's it.

I would recommend to view material (Toy Story 1 or 2, in the beginning of the movie where the Toy Story logo is shown) that will show the Chroma Bug prior to installing the Firmware, then demo again afterwards to show the removal of the Bug. It is impressive to see the improvement.

Jeff Talmadge
Product Manager, DENON Electronics (USA), Inc.